

# Oracle® Communications

## Cloud Native Core Licensing Information User Manual



Release 3.24.1

F94935-02

July 2024

ORACLE®

Copyright © 2019, 2024, Oracle and/or its affiliates.

This software and related documentation are provided under a license agreement containing restrictions on use and disclosure and are protected by intellectual property laws. Except as expressly permitted in your license agreement or allowed by law, you may not use, copy, reproduce, translate, broadcast, modify, license, transmit, distribute, exhibit, perform, publish, or display any part, in any form, or by any means. Reverse engineering, disassembly, or decompilation of this software, unless required by law for interoperability, is prohibited.

The information contained herein is subject to change without notice and is not warranted to be error-free. If you find any errors, please report them to us in writing.

If this is software, software documentation, data (as defined in the Federal Acquisition Regulation), or related documentation that is delivered to the U.S. Government or anyone licensing it on behalf of the U.S. Government, then the following notice is applicable:

U.S. GOVERNMENT END USERS: Oracle programs (including any operating system, integrated software, any programs embedded, installed, or activated on delivered hardware, and modifications of such programs) and Oracle computer documentation or other Oracle data delivered to or accessed by U.S. Government end users are "commercial computer software," "commercial computer software documentation," or "limited rights data" pursuant to the applicable Federal Acquisition Regulation and agency-specific supplemental regulations. As such, the use, reproduction, duplication, release, display, disclosure, modification, preparation of derivative works, and/or adaptation of i) Oracle programs (including any operating system, integrated software, any programs embedded, installed, or activated on delivered hardware, and modifications of such programs), ii) Oracle computer documentation and/or iii) other Oracle data, is subject to the rights and limitations specified in the license contained in the applicable contract. The terms governing the U.S. Government's use of Oracle cloud services are defined by the applicable contract for such services. No other rights are granted to the U.S. Government.

This software or hardware is developed for general use in a variety of information management applications. It is not developed or intended for use in any inherently dangerous applications, including applications that may create a risk of personal injury. If you use this software or hardware in dangerous applications, then you shall be responsible to take all appropriate fail-safe, backup, redundancy, and other measures to ensure its safe use. Oracle Corporation and its affiliates disclaim any liability for any damages caused by use of this software or hardware in dangerous applications.

Oracle®, Java, MySQL, and NetSuite are registered trademarks of Oracle and/or its affiliates. Other names may be trademarks of their respective owners.

Intel and Intel Inside are trademarks or registered trademarks of Intel Corporation. All SPARC trademarks are used under license and are trademarks or registered trademarks of SPARC International, Inc. AMD, Epyc, and the AMD logo are trademarks or registered trademarks of Advanced Micro Devices. UNIX is a registered trademark of The Open Group.

This software or hardware and documentation may provide access to or information about content, products, and services from third parties. Oracle Corporation and its affiliates are not responsible for and expressly disclaim all warranties of any kind with respect to third-party content, products, and services unless otherwise set forth in an applicable agreement between you and Oracle. Oracle Corporation and its affiliates will not be responsible for any loss, costs, or damages incurred due to your access to or use of third-party content, products, or services, except as set forth in an applicable agreement between you and Oracle.

# Contents

## 1 Introduction

---

## 2 Licensing Information

---

## 3 Third-Party Notices and/or Licenses

---

|        |                                                                                             |      |
|--------|---------------------------------------------------------------------------------------------|------|
| 3.1    | Commercial Software                                                                         | 3-1  |
| 3.2    | Open Source or Other Separately Licensed Software                                           | 3-1  |
| 3.2.1  | Oracle Communications Cloud Native Core, Cloud Native Environment 24.1.0 Components         | 3-1  |
| 3.2.2  | Automated Test Suite 24.1.0 Components                                                      | 3-2  |
| 3.2.3  | Oracle Communications Cloud Native Core, Binding Support Function 24.1.0 Components         | 3-3  |
| 3.2.4  | Oracle Communications Cloud Native Core, Certificate Management 24.1.0                      | 3-8  |
| 3.2.5  | Oracle Communications Cloud Native Configuration Console 24.1.0 Components                  | 3-8  |
| 3.2.6  | Oracle Communications Cloud Native Core, Network Exposure Function 24.1.0 Components        | 3-10 |
| 3.2.7  | Oracle Communications Cloud Native Core, Network Repository Function 24.1.0 Components      | 3-12 |
| 3.2.8  | Oracle Communications Cloud Native Core, Network Slice Selection Function 24.1.0 Components | 3-14 |
| 3.2.9  | Oracle Communications Cloud Native Core, Cloud Native Core Policy 24.1.0 Components         | 3-15 |
| 3.2.10 | Oracle Communications Cloud Native Core, OCI Adaptor 24.1.0 Components                      | 3-20 |
| 3.2.11 | Oracle Communications Cloud Native Core, Service Communication Proxy 24.1.0 Components      | 3-20 |
| 3.2.12 | Oracle Communications Cloud Native Core, Security Edge Protection Proxy 24.1.0 Components   | 3-22 |
| 3.2.13 | Oracle Communications Cloud Native Core, Unified Data Repository 24.1.0 Components          | 3-24 |
| 3.2.14 | Oracle Communications Cloud Native Core, Licensing Information                              | 3-27 |

|   |                                                         |
|---|---------------------------------------------------------|
| A | GNU General Public License, Version 2 (GPL-2.0)         |
| B | GNU General Public License, Version 2 (GPL-2.1)         |
| C | GNU Lesser General Public License, version 3 (LGPL-3)   |
| D | Apache License, Version 1.1 (Apache 1.1)                |
| E | Apache License, version 2.0 (Apache 2.0)                |
| F | The FreeBSD Project                                     |
| G | The MIT License (MIT)                                   |
| H | Zlib License                                            |
| I | ACE- 6.4.7 License                                      |
| J | ECLIPSE 1.0 License                                     |
| K | PHP License                                             |
| L | COMMON DEVELOPMENT AND DISTRIBUTION LICENSE Version 1.0 |
| M | BSD License and JSON License                            |
| N | JDOM 2.0.5 License                                      |

|    |                                                           |
|----|-----------------------------------------------------------|
| O  | Artistic License                                          |
| P  | Artistic License 2.0                                      |
| Q  | The bzip2 License                                         |
| R  | The Common Public License version 1.0                     |
| S  | Mozilla Public License (MPL), Version 2.0                 |
| T  | GNU Lesser General Public License, Version 2.1 (LGPL-2.1) |
| U  | Creative Commons Attribution License, Attribution 2.5     |
| V  | Node.js License                                           |
| W  | GNU General Public License v3 (GPL v3)                    |
| X  | Zope Public License (ZPL) Version 2.0                     |
| Y  | ECLIPSE 2.0 License                                       |
| Z  | COMMON DEVELOPMENT AND DISTRIBUTION LICENSE Version 1.1   |
| AA | Apple Public Source License Version 2.0 - August 6, 2003  |

# 1

## Introduction

This Licensing Information document is a part of the product or program documentation under the terms of your Oracle license agreement and is intended to help you understand the program editions, entitlements, restrictions, prerequisites, special license rights, and/or separately licensed third party technology terms associated with the Oracle software program(s) covered by this document (the "Program(s)"). Entitled or restricted use products or components identified in this document that are not provided with the particular Program may be obtained from the Oracle Software Delivery Cloud website (<https://edelivery.oracle.com>) or from media Oracle may provide. If you have a question about your license rights and obligations, please contact your Oracle sales representative, review the information provided in Oracle's Software Investment Guide (<http://www.oracle.com/us/corporate/pricing/software-investment-guide/index.html>), and/or contact the applicable Oracle License Management Services representative listed on <http://www.oracle.com/us/corporate/license-management-services/index.html> .

# 2

## Licensing Information

Refer to the table below for information on:

- Description of Product Editions and Permitted Features
- Prerequisite Products
- Entitled Products and Restricted Use Licenses

| Product                                 | Sub product                                                                                     | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-----------------------------------------|-------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Oracle Communications Cloud Native Core | Oracle Communications Cloud Native Core, Certificate Management - 25K Active Subscribers        | <p><b>Description:</b> This subproduct adds the following features to the Oracle Communications Cloud Native Core.</p> <p>Certificate Management is an application that manages the lifecycle (create, delete, renew, etc.) of certificates used by some Oracle Communications Cloud Native Core Network Functions. It constantly monitors and renews the certificates based on their validity or expiry period.</p> <p><b>Prerequisites:</b> Any one of the following licenses is prerequisite to license and use Oracle Communications Cloud Native Core, Certificate Management - 25K Active Subscribers:</p> <ul style="list-style-type: none"> <li>• Oracle Communications Cloud Native Core, Network Repository Function - 25K Active Subscribers</li> <li>• Oracle Communications Cloud Native Core, Service Communication Proxy - 25K Active Subscribers</li> <li>• Oracle Communications Cloud Native Core, Routing and Selection Domain - 25K Active Subscribers</li> </ul> |
| Oracle Communications Cloud Native Core | Oracle Communications Cloud Native Core, Advanced Networking – 25K Active Subscribers Perpetual | <p><b>Description:</b> This sub-product adds the following optional features:</p> <ul style="list-style-type: none"> <li>• Multiple Remote IP and Port combinations</li> <li>• Dual Stack Support</li> </ul> <p><b>Prerequisites:</b> The following license is a prerequisite to license and uses Oracle Communications Cloud Native Core, Advanced Networking - 25K Active Subscribers:</p> <ul style="list-style-type: none"> <li>• Oracle Communications Cloud Native Core, Security Edge Protection Proxy - 25K Active Subscribers Perpetual</li> <li>• Oracle Communications Cloud Native Core, Service Communications Proxy – 25K Active Subscribers Perpetual</li> <li>• Oracle Communications Cloud Native Core, Routing and Selection – 25K Active Subscribers Perpetual</li> </ul>                                                                                                                                                                                          |

| Product                                 | Sub product                                                                                | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-----------------------------------------|--------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Oracle Communications Cloud Native Core | Oracle Communications Cloud Native Core, Cloud Native Environment - 25K Active Subscribers | <p><b>Description:</b> This subproduct adds the following features to the Oracle Communications Cloud Native Core.</p> <p>The Cloud Native Environment provides tools and capabilities to run cloud native network functions in the network.</p> <p>This CNE SKU is an optional SKU only when the customer is purchasing the CNE from Oracle.</p> <p>Given license provide access to following capabilities: Cloud Native Environment (CNE), CNCF Tools</p> <p><b>Prerequisites:</b> Any one of the following licenses is prerequisite to license and use Oracle Communications Cloud Native Core, Cloud Native Environment - 25K Active Subscribers:</p> <ul style="list-style-type: none"> <li>• Oracle Communications Cloud Native Core, Authentication Server Function - 25K Active Subscribers</li> <li>• Oracle Communications Cloud Native Core, Binding Support Function - 25K Active Subscribers</li> <li>• Oracle Communications Cloud Native Core, Converged Policy - 25K Active Subscribers</li> <li>• Oracle Communications Cloud Native Core, Converged Signaling - 25K Active Subscribers</li> <li>• Oracle Communications Cloud Native Core, Diameter Routing Agent - 25K Active Subscribers</li> <li>• Oracle Communications Cloud Native Core, Network Exposure Function - 25K Active Subscribers</li> <li>• Oracle Communications Cloud Native Core , Network Repository Function - 25K Active Subscribers</li> <li>• Oracle Communications Cloud Native Core, Network Slice Selection Function - 25K Active Subscribers</li> <li>• Oracle Communications Cloud Native Core, Policy Control Function - 25K Active Subscribers</li> <li>• Oracle Communications Cloud Native Core, Policy and Charging Rules Function - 25K Active Subscribers</li> <li>• Oracle Communications Cloud Native Core, Routing and Selection Domain - 25K Active Subscribers</li> <li>• Oracle Communications Cloud Native Core, Security Edge Protection Proxy - 25K Active Subscribers</li> <li>• Oracle Communications Cloud Native Core , Service Communication Proxy - 25K Active Subscribers</li> <li>• Oracle Communications Cloud Native Core, Unified Data Repository - 25K Active Subscribers</li> </ul> |



| Product                                 | Sub product                                                                                           | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-----------------------------------------|-------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                         |                                                                                                       | <ul style="list-style-type: none"> <li>Oracle Communications Cloud Native Core, Unified Data Management - 25K Active Subscribers</li> <li>Oracle Communications Cloud Native Core, Unstructured Data Storage Function - 25K Active Subscribers</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Oracle Communications Cloud Native Core | Oracle Communications Cloud Native Core, Authentication Server Function - 25K Active Subscribers      | <p><b>Description:</b> This subproduct adds the following features to the Oracle Communications Cloud Native Core.</p> <p>The Authentication Server Function (AUSF) is responsible of the primary authentication and key agreement procedures carried out to enable mutual authentication between UE and network. It provides keying material that can be used between the UE and network in subsequently security procedures. This license is based on 25k active subscribers perpetual.</p> <p>Network Function license provides Console and Data Tier capabilities.</p> <p><b>Prerequisites:</b> The following license is prerequisite to license and use Oracle Communications Cloud Native Core, Authentication Server Function - 25K Active Subscribers:</p> <p>Oracle Communications Cloud Native Core, Unified Data Management - 25K Active Subscribers</p> <p><b>Entitled Products and Restricted Use Licenses:</b> A license to Oracle Communications Cloud Native Core, Authentication Server Function - 25K Active Subscribers, includes a restricted use license to MySQL Cluster Carrier Grade Edition. MySQL Cluster Carrier Grade Edition may be used solely to deploy and run Oracle Communications Cloud Native Core network functions.</p> <p><b>Counting Mechanism:</b> Since Unified Data Management is a prerequisites for AUSF. Unified Data Management counts unique device identifiers that it has activated.</p> |
| Oracle Communications Cloud Native Core | Oracle Communications Cloud Native Core, Interworking and Mediation Function - 25K Active Subscribers | <p><b>Description:</b> This subproduct adds the following optional features to the Oracle Communications Cloud Native Core for Service Communication Proxy (SCP) and Security Edge Protection Proxy (SEPP):</p> <ul style="list-style-type: none"> <li>Message manipulation between HTTP &lt;=&gt; HTTP.</li> </ul> <p><b>Prerequisites:</b> The following licenses are prerequisites to Oracle Communications Cloud Native Core, InterWorking and Mediation Function - 25K Active Subscribers:</p> <ul style="list-style-type: none"> <li>Oracle Communications Cloud Native Core, Service Communication Proxy - 25K Active Subscribers Perpetual, or</li> <li>Oracle Communications Cloud Native Core, Security Edge Protection Proxy - 25K Active Subscribers Perpetual</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

| Product                                 | Sub product                                                                                                                | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Oracle Communications Cloud Native Core | Oracle Communications Cloud Native Core, Interworking and Mediation Function for NB-IoT - 25K Active Subscribers Perpetual | <p><b>Description:</b> This subproduct adds the following optional features to the Oracle Communications Cloud Native Core for Service Communication Proxy (SCP) NB-IoT and Security Edge Protection Proxy (SEPP) NB-IoT:</p> <ul style="list-style-type: none"> <li>• Message manipulation between HTTP &lt;=&gt; HTTP.</li> </ul> <p><b>Prerequisites:</b> The following licenses are prerequisites to Oracle Communications Cloud Native Core, InterWorking and Mediation Function for NB-IoT- 25K Active Subscribers: Perpetual</p> <ul style="list-style-type: none"> <li>• Oracle Communications Cloud Native Core, Service Communication Proxy NB-IoT - 25K Active Subscribers Perpetual, or</li> <li>• Oracle Communications Cloud Native Core, Security Edge Protection Proxy NB-IoT - 25K Active Subscribers Perpetual</li> </ul>                                                                                                                                                                                                                                                                                                                                 |
| Oracle Communications Cloud Native Core | Oracle Communications Cloud Native Core, Binding Support Function - 25K Active Subscribers                                 | <p><b>Description:</b> This subproduct adds the following features to the Oracle Communications Cloud Native Core.</p> <p>The Binding Support Function (BSF) provides session binding functionality, which ensures request for session reaches the relevant PCF holding the session information.</p> <p>This service:</p> <ul style="list-style-type: none"> <li>• Allows Network Function (NF) consumers to register, update and remove the binding information; and</li> <li>• Allows Network Function (NF) consumers to retrieve the binding information.</li> </ul> <p>Network Function license provides Console and Data Tier capabilities.</p> <p><b>Prerequisites:</b> None</p> <p><b>Entitled Products and Restricted Use Licenses:</b> A license to Oracle Communications Cloud Native Core, Binding Support Function - 25K Active Subscribers, includes a restricted use license to MySQL Cluster Carrier Grade Edition. MySQL Cluster Carrier Grade Edition may be used solely to deploy and run Oracle Communications Cloud Native Core network functions.</p> <p><b>Counting Mechanism:</b> BSF counts unique device identifiers as it processes messages.</p> |

| Product                                 | Sub product                                                                                               | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-----------------------------------------|-----------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Oracle Communications Cloud Native Core | Oracle Communications Cloud Native Core, Binding Support Function Feature Pack B - 25K Active Subscribers | <p><b>Description:</b> This sub-product adds optional features to Binding Support Function.</p> <p><b>Prerequisites:</b> The following licenses is prerequisite to license and use Oracle Communications Cloud Native Core, Binding Support Function Feature Pack B - 25K Active Subscribers:</p> <ul style="list-style-type: none"> <li>Oracle Communications Cloud Native Core, Binding Support Function - 25K Active Subscribers</li> </ul> <p><b>Note:</b> This license is end of sale. The feature content has been moved to the base Network Function.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Oracle Communications Cloud Native Core | Oracle Communications Cloud Native Core, Converged Policy - 25K Active Subscribers                        | <p><b>Description:</b> This functionality provides the Right to Use the Cloud Native Policy and Charging Rules Function (cnPCRF) and Cloud Native Policy Control Function (PCF) NFs. The Policy Control Function (PCF) allows the customer to support centralized policy management in their 5G core network. The Cloud Native Policy and Charging Rules Function (cnPCRF) allows the customer to support centralized policy management in their 4G core network.</p> <p>Overall this converged license enables customers to perform Policy management for 4G and 5G Networks as a complete solution and also enables customers to transition subscribers from 4G to 5G over time.</p> <p>Network Function license provides Console and Data Tier capabilities.</p> <p><b>Prerequisites:</b> None</p> <p><b>Entitled Products and Restricted Use Licenses:</b> A license to Oracle Communications Cloud Native Core, Converged Policy - 25K Active Subscribers, includes a restricted use license to MySQL Cluster Carrier Grade Edition. MySQL Cluster Carrier Grade Edition may be used solely to deploy and run Oracle Communications Cloud Native Core network functions.</p> <p><b>Counting Mechanism:</b> cnPCRF and PCF counts unique device identifiers as it processes messages.</p> |

| Product                                 | Sub product                                                                                       | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-----------------------------------------|---------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Oracle Communications Cloud Native Core | Oracle Communications Cloud Native Core, Converged Policy Feature Pack B - 25K Active Subscribers | <p><b>Description:</b> This sub-product adds optional features to Converged Policy.</p> <p><b>Prerequisites:</b> Any one of the following licenses is prerequisite to license and use Oracle Communications Cloud Native Core, Converged Policy Feature Pack B - 25K Active Subscribers:</p> <ul style="list-style-type: none"> <li>• Oracle Communications Cloud Native Core, Converged Policy - 25K Active Subscribers</li> <li>• Oracle Communications Cloud Native Core, Policy Control Function - 25K Active Subscribers</li> <li>• Oracle Communications Cloud Native Core, Policy and Charging Rules Function - 25K Active Subscribers</li> </ul> <p><b>Note:</b> This license is end of sale. The feature content has been moved to the base Network Function.</p>                                                 |
| Oracle Communications Cloud Native Core | Oracle Communications Cloud Native Core, Converged Signaling - 25K Active Subscribers             | <p><b>Description:</b> This functionality provides the Right to Use the Cloud Native Diameter Routing Agent (cnDRA), Service Communication Proxy (SCP), Network Repository Function (NRF), and InterWorking and Mediation Function (IWF) NFs. It enables a smooth transition for operators from 4G to 5G over time.</p> <p>Network Function license provides Console and Data Tier capabilities.</p> <p><b>Prerequisites :</b> None</p> <p><b>Entitled Products and Restricted Use Licenses:</b><br/>A license to Oracle Communications Cloud Native Core, Converged Signaling - 25K Active Subscribers, includes a restricted use license to MySQL Cluster Carrier Grade Edition. MySQL Cluster Carrier Grade Edition may be used solely to deploy and run Oracle Communications Cloud Native Core network functions.</p> |

| Product                                 | Sub product                                                                                 | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-----------------------------------------|---------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Oracle Communications Cloud Native Core | Oracle Communications Cloud Native Core, Network Exposure Function - 25K Active Subscribers | <p><b>Description:</b> This subproduct adds the following features to the Oracle Communications Cloud Native Core.</p> <p>The Network Exposure Function (NEF) provides RESTful APIs that allow access to the services and capabilities provided by network entities and securely exposed by NEF.</p> <p>The NEF Northbound interface supports the following procedures:</p> <ul style="list-style-type: none"> <li>• Procedures for Monitoring</li> <li>• Procedures for Device Triggering</li> <li>• Procedures for resource management of Background Data Transfer</li> <li>• Procedures for Communication Pattern Parameters Provisioning</li> <li>• Procedures for Packet Flow Description Management</li> <li>• Procedures for Traffic Influence</li> </ul> <p>Network Function license provides Console and Data Tier capabilities.</p> <p><b>Prerequisites:</b> None</p> <p><b>Entitled Products and Restricted Use Licenses:</b><br/>A license to Oracle Communications Cloud Native Core, Network Exposure Function - 25K Active Subscribers, includes a restricted use license to MySQL Cluster Carrier Grade Edition. MySQL Cluster Carrier Grade Edition may be used solely to deploy and run Oracle Communications Cloud Native Core network functions.</p> <p><b>Counting Mechanism:</b> NEF counts unique device identifiers as it processes messages</p> |

| Product                                 | Sub product                                                                                                  | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-----------------------------------------|--------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Oracle Communications Cloud Native Core | Oracle Communications Cloud Native Core, Network Repository Function - 25K Active Subscribers                | <p><b>Description:</b> This subproduct adds the following features to the Oracle Communications Cloud Native Core.</p> <p>The Network Repository Function (NRF) supports management and discovery services and the management services allow for Network Function (NF) instances to be Introduced/Updated/Removed in the 5G core without manual configuration. More NRF developments will come as part of future releases.</p> <p>Network Function license provides Console and Data Tier capabilities.</p> <p><b>Prerequisites:</b> None</p> <p><b>Entitled Products and Restricted Use Licenses:</b><br/>A license to Oracle Communications Cloud Native Core, Network Repository Function - 25K Active Subscribers, includes a restricted use license to MySQL Cluster Carrier Grade Edition. MySQL Cluster Carrier Grade Edition may be used solely to deploy and run Oracle Communications Cloud Native Core network functions.</p> <p><b>Counting Mechanism:</b> If SLF is deployed in addition to the NRF: the SLF counts unique device identifiers as it processes messages.</p> <p>If SLF is not deployed: the subscriber count is based on the following ordered list of NFs:</p> <p>Ordered list of NFs:</p> <ul style="list-style-type: none"> <li>• SCP, if present</li> <li>• Else, a 3rd party database</li> </ul> |
| Oracle Communications Cloud Native Core | Oracle Communications Cloud Native Core, Network Repository Function Feature Pack B - 25K Active Subscribers | <p><b>Description:</b> This sub-product adds optional features to Network Repository Function.</p> <p><b>Prerequisites:</b> The following license is prerequisite to license and use Oracle Communications Cloud Native Core, Network Repository Function Feature Pack B - 25K Active Subscribers:</p> <ul style="list-style-type: none"> <li>• Oracle Communications Cloud Native Core, Network Repository Function – 25K Active Subscribers</li> </ul> <p><b>Note:</b> This license is end of sale. The feature content has been moved to the base Network Function.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |

| Product                                 | Sub product                                                                                        | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-----------------------------------------|----------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Oracle Communications Cloud Native Core | Oracle Communications Cloud Native Core, Network Slice Selection Function - 25K Active Subscribers | <p><b>Description:</b> This subproduct adds the following features to the Oracle Communications Cloud Native Core.</p> <p>The Network Slice Selection Function (NSSF) provides an important capability to bring network resource utilization efficiency, deployment flexibility and support fast growing over the top (OTT) application and services.</p> <p>Network Function license provides Console and Data Tier capabilities.</p> <p><b>Prerequisites:</b> None</p> <p><b>Entitled Products and Restricted Use Licenses:</b> A license to Oracle Communications Cloud Native Core, Network Slice Selection Function - 25K Active Subscribers, includes a restricted use license to MySQL Cluster Carrier Grade Edition. MySQL Cluster Carrier Grade Edition may be used solely to deploy and run Oracle Communications Cloud Native Core network functions.</p> <p><b>Counting Mechanism:</b> The subscriber count is based on the following ordered list of NFs:</p> <p>Ordered list of NFs:</p> <ul style="list-style-type: none"> <li>• SCP, if present</li> <li>• Else, a 3rd party database</li> </ul> |
| Oracle Communications Cloud Native Core | Oracle Communications Cloud Native Core, Policy Control Function - 25K Active Subscribers          | <p><b>Description:</b> This subproduct adds the following features to the Oracle Communications Cloud Native Core.</p> <p>The Policy Control Function (PCF) allows the customer to support centralized policy management in their 5G core network.</p> <p>Network Function license provides Console and Data Tier capabilities.</p> <p><b>Prerequisites:</b> None.</p> <p><b>Entitled Products and Restricted Use Licenses:</b> A license to Oracle Communications Cloud Native Core, Policy Control Function - 25K Active Subscribers, includes a restricted use license to MySQL Cluster Carrier Grade Edition. MySQL Cluster Carrier Grade Edition may be used solely to deploy and run Oracle Communications Cloud Native Core network functions.</p> <p><b>Counting Mechanism:</b> PCF counts unique device identifiers as it processes messages.</p>                                                                                                                                                                                                                                                       |

| Product                                 | Sub product                                                                                          | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-----------------------------------------|------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Oracle Communications Cloud Native Core | Oracle Communications Cloud Native Core, Policy and Charging Rules Function - 25K Active Subscribers | <p><b>Description:</b> This subproduct adds the following features to the Oracle Communications Cloud Native Core.</p> <p>This functionality provides the Right to Use the Cloud Native Core Policy and Charging Rules Function (cnPCRF). The cnPCRF allows the customer to support centralized policy management in their 4G core network. It includes PCRF functionality.</p> <p>Network Function license provides Console and Data Tier capabilities.</p> <p><b>Prerequisites:</b> None.</p> <p><b>Entitled Products and Restricted Use Licenses:</b> A license to Oracle Communications Cloud Native Core, Policy and Charging Rules Function - 25K Active Subscribers, includes a restricted use license to MySQL Cluster Carrier Grade Edition. MySQL Cluster Carrier Grade Edition may be used solely to deploy and run Oracle Communications Cloud Native Core network functions.</p> <p><b>Counting Mechanism:</b> cnPCRF counts unique device identifiers as it processes messages.</p> |
| Oracle Communications Cloud Native Core | Oracle Communications Cloud Native Core, Routing and Selection Domain - 25K Active Subscribers       | <p><b>Description:</b> Routing and Selection domain consists of six Cloud Native Core functions: Service Communication Proxy (SCP), Network Repository Function (NRF), Network Exposure Function (NEF), Network Slice Selection Function (NSSF), Security Edge Protection Proxy (SEPP), and InterWorking and Mediation Function (IWF).</p> <p>Network Function license provides Console and Data Tier capabilities.</p> <p><b>Prerequisites:</b> None</p> <p><b>Entitled Products and Restricted Use Licenses:</b> A license to Oracle Communications Cloud Native Core, Routing and Selection Domain - 25K Active Subscribers, includes a restricted use license to MySQL Cluster Carrier Grade Edition. MySQL Cluster Carrier Grade Edition may be used solely to deploy and run Oracle Communications Cloud Native Core network functions.</p>                                                                                                                                                 |



| Product                                 | Sub product                                                                                                | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-----------------------------------------|------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Oracle Communications Cloud Native Core | Oracle Communications Cloud Native Core, Security Edge Protection Proxy - 25K Active Subscribers Perpetual | <p><b>Description:</b> This subproduct adds the following features to the Oracle Communications Cloud Native Core.</p> <p>The Security Edge Protection Proxy (SEPP) is a nontransparent proxy that supports message filtering and policing on inter-PLMN control-plane interfaces and topology hiding for the PLMN network. A SEPP function should perform the firewall role for transactions between domains. Given that the SEPP is the point where integrity protection and encryption are applied, the SEPP has visibility into each aspect of a transaction.</p> <p>Network Function license provides Console and Data Tier capabilities.</p> <p><b>Prerequisites:</b> None</p> <p><b>Entitled Products and Restricted Use Licenses:</b> A license to Oracle Communications Cloud Native Core, Security Edge Protection Proxy - 25K Active Subscribers, includes a restricted use license to MySQL Cluster Carrier Grade Edition. MySQL Cluster Carrier Grade Edition may be used solely to deploy and run Oracle Communications Cloud Native Core network functions.</p> <p><b>Counting Mechanism:</b> SEPP counts unique device identifiers as it processes messages.</p>                                                                                                                                                                                            |
| Oracle Communications Cloud Native Core | Oracle Communications Cloud Native Core, Service Communication Proxy - 25K Active Subscribers              | <p><b>Description:</b> This subproduct adds the following features to the Oracle Communications Cloud Native Core.</p> <p>The Service Communication Proxy (SCP) addresses introduction of 5G Service Based Architecture and the usage of HTTP/2 for signaling. Provides congestion control in cases of flooding and at the same time protect servers from being overloaded. Facilitates traffic prioritization to ensure that the higher priority traffic is addressed in overload situations Uniform Authorization/ Authentication mechanism in the network Simplifies the network and provider better visibility into the health of the network. Reduces the connection mesh to a manageable number of connections, thereby decreasing the chances of failure.</p> <p>Network Function license provides Console and Data Tier capabilities.</p> <p><b>Prerequisites:</b> None</p> <p><b>Entitled Products and Restricted Use Licenses:</b> A license to Oracle Communications Cloud Native Core, Service Communication Proxy - 25K Active Subscribers, includes a restricted use license to MySQL Cluster Carrier Grade Edition. MySQL Cluster Carrier Grade Edition may be used solely to deploy and run Oracle Communications Cloud Native Core network functions.</p> <p><b>Counting Mechanism:</b> SCP counts unique device identifiers as it processes messages.</p> |

| Product                                 | Sub product                                                                                                  | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-----------------------------------------|--------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Oracle Communications Cloud Native Core | Oracle Communications Cloud Native Core, Service Communication Proxy Feature Pack B - 25K Active Subscribers | <p><b>Description:</b> This sub-product adds optional features to Service Communication Proxy.</p> <p><b>Prerequisites:</b> The following license is prerequisite to license and use Oracle Communications Cloud Native Core, Service Communication Proxy Feature Pack B - 25K Active Subscribers:</p> <ul style="list-style-type: none"> <li>Oracle Communications Cloud Native Core, Service Communication Proxy – 25K Active Subscribers</li> </ul> <p><b>Note:</b> This license is end of sale. The feature content has been moved to the base Network Function.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Oracle Communications Cloud Native Core | Oracle Communications Cloud Native Core, Subscriber Location Function – 25K Active Subscribers               | <p><b>Description:</b></p> <p>This subproduct adds the following feature to the Oracle Communications Cloud Native Core.</p> <p>The Subscriber Location Function (SLF) is an entity of 5G network which it is used to identify a subscriber to a specific network function. This license is based on 25k active subscribers perpetual.</p> <p>Network Function license provides Console and Data Tier capabilities.</p> <p><b>Prerequisites:</b></p> <p>The following licenses are prerequisite to license and use Oracle Communications Cloud Native Core, Subscriber Location Function – 25K Active Subscribers:</p> <ul style="list-style-type: none"> <li>Oracle Communications Cloud Native Core, Service Communication Proxy - 25K Active Subscribers</li> <li>Oracle Communications Cloud Native Core, Network Repository Function - 25K Active Subscribers</li> <li>Oracle Communications Cloud Native Core, Security Edge Protection Proxy - 25K Active Subscribers</li> </ul> <p><b>Entitled Products and Restricted Use Licenses:</b></p> <p>A license to Oracle Communications Cloud Native Core, Subscriber Location Function - 25K Active Subscribers, includes a restricted use license to MySQL Cluster Carrier Grade Edition. MySQL Cluster Carrier Grade Edition may be used solely to deploy and run Oracle Communications Cloud Native Core network functions.</p> <p><b>Counting Mechanism:</b> SLF counts unique device identifiers as it processes messages.</p> |

| Product                                 | Sub product                                                                                                   | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-----------------------------------------|---------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Oracle Communications Cloud Native Core | Oracle Communications Cloud Native Core, Subscriber Location Function Feature Pack B – 25K Active Subscribers | <p><b>Description:</b> This sub-product adds optional features to Subscriber Location Function.</p> <p><b>Prerequisites:</b> The following license is prerequisite to license and use Oracle Communications Cloud Native Core, Subscriber Location Function Feature Pack B - 25K Active Subscribers:</p> <ul style="list-style-type: none"> <li>Oracle Communications Cloud Native Core, Subscriber Location Function – 25K Active Subscribers</li> </ul> <p><b>Note:</b> This license is end of sale. The feature content has been moved to the base Network Function.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Oracle Communications Cloud Native Core | Oracle Communications Cloud Native Core, Unified Data Repository - 25K Active Subscribers                     | <p><b>Description:</b> This subproduct adds the following features to the Oracle Communications Cloud Native Core.</p> <p>The Unified Data Repository (UDR) is a functional entity that acts as a single logical repository of user data and is unique from Application Front End's perspective. Entities which do not store user data and that need to access user data stored in the UDR are collectively known as application front ends.</p> <p>Network Function license provides Console and Data Tier capabilities.</p> <p><b>Prerequisites:</b> None</p> <p><b>Entitled Products and Restricted Use Licenses:</b> A license to Oracle Communications Cloud Native Core, Unified Data Repository - 25K Active Subscribers, includes a restricted use license to MySQL Cluster Carrier Grade Edition. MySQL Cluster Carrier Grade Edition may be used solely to deploy and run Oracle Communications Cloud Native Core network functions.</p> <p><b>Counting Mechanism:</b> UDR counts unique device identifiers that it has activated</p> |

| Product                                 | Sub product                                                                                          | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-----------------------------------------|------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Oracle Communications Cloud Native Core | Oracle Communications Cloud Native Core, Unstructured Data Storage Function - 25K Active Subscribers | <p><b>Description:</b> This subproduct adds the following features to the Oracle Communications Cloud Native Core.</p> <p>The Unstructured Data Storage Function (UDSF) is a functional entity of 5G network where the Network Functions can store/retrieve "unstructured" data. It supports data storage for stateless network functions. This data is based on the state information of different NFs, intermediate representation of data crossing different radio technologies, session related data etc. This license is based on 25k active subscribers perpetual.</p> <p>Network Function license provides Console and Data Tier capabilities.</p> <p><b>Prerequisites:</b> The following licenses are prerequisite to license and use Oracle Communications Cloud Native Core, Unstructured Data Storage Function – 25K Active Subscribers:</p> <ul style="list-style-type: none"> <li>• Oracle Communications Cloud Native Core, Unified Data Repository - 25K Active Subscribers</li> </ul> <p><b>Entitled Products and Restricted Use Licenses:</b> A license to Oracle Communications Cloud Native Core, Unstructured Data Storage Function - 25K Active Subscribers, includes a restricted use license to MySQL Cluster Carrier Grade Edition. MySQL Cluster Carrier Grade Edition may be used solely to deploy and run Oracle Communications Cloud Native Core network functions.</p> <p><b>Counting Mechanism:</b> Since UDR is a prerequisite for UDSF. UDR counts unique device identifiers that it has activated.</p> |

| Product                                 | Sub product                                                                                       | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-----------------------------------------|---------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Oracle Communications Cloud Native Core | Oracle Communications Cloud Native Core, Automated Test Tools and Scripts Suite - Node Perpetual  | <p><b>Description:</b> The sub-product adds the following features to the Oracle Communications Cloud Native Core Network Functions.</p> <p>The Automated Test Tools and Scripts Suite license provides tools and scripts for functional and light performance testing needs in lab environment and is licensed to only be used on Test/lab platforms.</p> <p>From a license perspective, this SKU is applicable only to Network Function SKUs and not to the features.</p> <p><i>License quantity requirement is based on number of network functions (NFs) and number of system under testing (SUT). It can be calculated by multiplying number of network functions (NFs) and number of system under testing (SUT) .</i></p> <p><b>Prerequisites:</b> The following licenses are prerequisite to license and use Oracle Communications Cloud Native Core, Automated Test Tools and Scripts Suite – per Node.</p> <p>Any Oracle Communications Cloud Native Core Network Function, except:</p> <ul style="list-style-type: none"> <li>• Oracle Communications Cloud Native Core, Cloud Native Environment – 25K Active Subscribers</li> <li>• Oracle Communications Cloud Native Core, Interworking and Mediation Function – 25K Active Subscribers</li> <li>• Oracle Communications Cloud Native Core, Subscriber Location Function – 25K Active Subscribers</li> </ul> |
| Oracle Communications Cloud Native Core | Oracle Communications Cloud Native Core, Converged Policy Feature Pack A - 25K Active Subscribers | <p><b>Description:</b> This sub-product adds optional features to Converged Policy. Refer to the Cloud Native Core release notes for more details on feature content.</p> <p><b>Prerequisites:</b> Any one of the following licenses is prerequisite to license and use Oracle Communications Cloud Native Core, Converged Policy Feature Pack A - 25K Active Subscribers:</p> <ul style="list-style-type: none"> <li>• Oracle Communications Cloud Native Core, Converged Policy - 25K Active Subscribers</li> <li>• Oracle Communications Cloud Native Core, Policy Control Function - 25K Active Subscribers</li> <li>• Oracle Communications Cloud Native Core, Policy and Charging Rules Function - 25K Active Subscribers</li> </ul> <p><b>Note:</b> This license is end of sale. The feature content has been moved to the base Network Function.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

| Product                                 | Sub product                                                                                                   | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-----------------------------------------|---------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Oracle Communications Cloud Native Core | Oracle Communications Cloud Native Core, Service Communication Proxy Feature Pack A - 25K Active Subscribers  | <p><b>Description:</b> This sub-product adds optional features to Service Communication Proxy. Refer to the Cloud Native Core release notes for more details on feature content.</p> <p><b>Prerequisites:</b> The following license is prerequisite to license and use Oracle Communications Cloud Native Core, Service Communication Proxy Feature Pack A - 25K Active Subscribers:</p> <ul style="list-style-type: none"> <li>Oracle Communications Cloud Native Core, Service Communication Proxy – 25K Active Subscribers</li> </ul> <p><b>Note:</b> This license is end of sale. The feature content has been moved to the base Network Function.</p>    |
| Oracle Communications Cloud Native Core | Oracle Communications Cloud Native Core, Subscriber Location Function Feature Pack A - 25K Active Subscribers | <p><b>Description:</b> This sub-product adds optional features to Subscriber Location Function. Refer to the Cloud Native Core release notes for more details on feature content.</p> <p><b>Prerequisites:</b> The following license is prerequisite to license and use Oracle Communications Cloud Native Core, Subscriber Location Function Feature Pack A - 25K Active Subscribers:</p> <ul style="list-style-type: none"> <li>Oracle Communications Cloud Native Core, Subscriber Location Function – 25K Active Subscribers</li> </ul> <p><b>Note:</b> This license is end of sale. The feature content has been moved to the base Network Function.</p> |
| Oracle Communications Cloud Native Core | Oracle Communications Cloud Native Core, Network Repository Function Feature Pack A - 25K Active Subscribers  | <p><b>Description:</b> This sub-product adds optional features to Network Repository Function. Refer to the Cloud Native Core release notes for more details on feature content.</p> <p><b>Prerequisites:</b> The following license is prerequisite to license and use Oracle Communications Cloud Native Core, Network Repository Function Feature Pack A - 25K Active Subscribers:</p> <ul style="list-style-type: none"> <li>Oracle Communications Cloud Native Core, Network Repository Function – 25K Active Subscribers</li> </ul> <p><b>Note:</b> This license is end of sale. The feature content has been moved to the base Network Function.</p>    |

| Product                                 | Sub product                                                                                                                      | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Oracle Communications Cloud Native Core | Oracle Communications Cloud Native Core, Network Function Cloud Native Environment for NB-IoT - 25K Active Subscribers Perpetual | <p><b>Description:</b> This subproduct adds the following features to the Oracle Communications Cloud Native Core.</p> <p>The Cloud Native Environment for NB-IoT - 25K Active Subscribers Perpetual provides tools and capabilities to run cloud native network functions in the network.</p> <p>This optional license provide access to following capabilities:</p> <ul style="list-style-type: none"> <li>• Cloud Native Environment (CNE)</li> <li>• CNCF Tools</li> </ul> <p><b>Prerequisites:</b> Any one of the following licenses is prerequisite to license and use Oracle Communications Cloud Native Core, Network Function Cloud Native Environment for NB-IoT - 25K Active Subscribers Perpetual:</p> <ul style="list-style-type: none"> <li>• Oracle Communications Cloud Native Core, Binding Support Function for NB-IoT - 25K Active Subscribers Perpetual</li> <li>• Oracle Communications Cloud Native Core, Converged Policy for NB-IoT - 25K Active Subscribers Perpetual</li> <li>• Oracle Communications Cloud Native Core, Network Exposure Function for NB-IoT - 25K Active Subscribers Perpetual</li> <li>• Oracle Communications Cloud Native Core, Network Repository Function for NB-IoT - 25K Active Subscribers Perpetual</li> <li>• Oracle Communications Cloud Native Core, Network Slice Selection Function for NB-IoT - 25K Active Subscribers Perpetual</li> <li>• Oracle Communications Cloud Native Core, Policy Control Function for NB-IoT - 25K Active Subscribers Perpetual</li> <li>• Oracle Communications Cloud Native Core, Policy and Charging Rules Function for NB-IoT - 25K Active Subscribers Perpetual</li> <li>• Oracle Communications Cloud Native Core, Routing and Selection Domain for NB-IoT - 25K Active Subscribers Perpetual</li> <li>• Oracle Communications Cloud Native Core, Security Edge Protection Proxy for NB-IoT - 25K Active Subscribers Perpetual</li> <li>• Oracle Communications Cloud Native Core, Service Communication Proxy for NB-IoT - 25K Active Subscribers Perpetual</li> <li>• Oracle Communications Cloud Native Core, Unified Data Repository for NB-IoT - 25K Active Subscribers Perpetual</li> <li>• Oracle Communications Cloud Native Core, Unstructured Data Storage Function for NB-IoT - 25K Active Subscribers Perpetual</li> </ul> |

| Product                                 | Sub product                                                                                                      | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-----------------------------------------|------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Oracle Communications Cloud Native Core | Oracle Communications Cloud Native Core, Network Exposure Function for NB-IoT - 25K Active Subscribers Perpetual | <p><b>Description:</b> This subproduct adds the following features to the Oracle Communications Cloud Native Core.</p> <p>The Network Exposure Function for NB-IoT (NEF for NB-IoT) provides RESTful APIs that allow access to the services and capabilities provided by network entities and securely exposed by NEF for NB-IoT use-case.</p> <p>The NEF for NB-IoT Northbound interface supports the following procedures:</p> <ul style="list-style-type: none"> <li>• Procedures for Monitoring</li> <li>• Procedures for Device Triggering</li> <li>• Procedures for resource management of Background Data Transfer</li> <li>• Procedures for Communication Pattern Parameters Provisioning</li> <li>• Procedures for Packet Flow Description Management</li> <li>• Procedures for Traffic Influence</li> </ul> <p><b>Prerequisites:</b> None</p> <p><b>Entitled Products and Restricted Use Licenses:</b><br/>A license to Oracle Communications Cloud Native Core, Network Exposure Function for NB-IoT - 25K Active Subscribers Perpetual includes a restricted use license to MySQL Cluster Carrier Grade Edition. MySQL Cluster Carrier Grade Edition may be used solely to deploy and run Oracle Communications Cloud Native Core network functions.</p> <p><b>Counting Mechanism:</b> NEF for NB-IoT counts unique device identifiers as it processes messages</p> |



| Product                                 | Sub product                                                                                                             | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-----------------------------------------|-------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Oracle Communications Cloud Native Core | Oracle Communications Cloud Native Core, Network Repository Function for NB-IoT - 25K Active Subscribers Perpetual      | <p><b>Description:</b> This subproduct adds the following features to the Oracle Communications Cloud Native Core.</p> <p>The Network Repository Function for NB-IoT (NRF for NB-IoT) supports management and discovery services and the management services allow for Network Function (NF) instances to be Introduced/Updated/Removed in the 5G core without manual configuration. More NRF developments will come as part of future releases.</p> <p><b>Prerequisites:</b> None</p> <p><b>Entitled Products and Restricted Use Licenses:</b> Oracle Communications Cloud Native Core, Network Repository Function for NB-IoT - 25K Active Subscribers includes a restricted use license to MySQL Cluster Carrier Grade Edition. MySQL Cluster Carrier Grade Edition may be used solely to deploy and run Oracle Communications Cloud Native Core network functions.</p> <p><b>Counting Mechanism:</b> If SLF for NB-IoT is deployed in addition to the NRF: the SLF for NB-IoT counts unique device identifiers as it processes messages.</p> <p>If SLF for NB-IoT is not deployed: the subscriber count is based on the following ordered list of NFs:</p> <p>Ordered list of NFs:</p> <ul style="list-style-type: none"> <li>• SCP, if present</li> <li>• Else, a 3rd party database</li> </ul> |
| Oracle Communications Cloud Native Core | Oracle Communications Cloud Native Core, Network Slice Selection Function for NB-IoT - 25K Active Subscribers Perpetual | <p><b>Description:</b> This subproduct adds the following features to the Oracle Communications Cloud Native Core.</p> <p>The Network Slice Selection Function for NB-IoT (NSSF for NB-IoT) provides an important capability to bring network resource utilization efficiency, deployment flexibility and support fast growing over the top (OTT) application and services.</p> <p><b>Prerequisites:</b> None</p> <p><b>Entitled Products and Restricted Use Licenses:</b> A license to Oracle Communications Cloud Native Core, Network Slice Selection Function for NB-IoT - 25K Active Subscribers Perpetual, includes a restricted use license to MySQL Cluster Carrier Grade Edition. MySQL Cluster Carrier Grade Edition may be used solely to deploy and run Oracle Communications Cloud Native Core network functions.</p> <p><b>Counting Mechanism:</b> The subscriber count is based on the following ordered list of NFs:</p> <p>Ordered list of NFs:</p> <ul style="list-style-type: none"> <li>• SCP, if present</li> <li>• Else, a 3rd party database</li> </ul>                                                                                                                                                                                                                       |

| Product                                 | Sub product                                                                                                           | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Oracle Communications Cloud Native Core | Oracle Communications Cloud Native Core, Security Edge Protection Proxy for NB-IoT - 25K Active Subscribers Perpetual | <p><b>Description:</b> This subproduct adds the following features to the Oracle Communications Cloud Native Core.</p> <p>The Security Edge Protection Proxy for NB-IoT (SEPP NB-IoT) is a nontransparent proxy that supports message filtering and policing on inter-PLMN control-plane interfaces and topology hiding for the PLMN network. A SEPP for NB-IoT function should perform the firewall role for transactions between domains. Given that the SEPP is the point where integrity protection and encryption are applied, the SEPP NB-IoT has visibility into each aspect of a transaction.</p> <p><b>Prerequisites:</b> None</p> <p><b>Entitled Products and Restricted Use Licenses:</b> A license to Oracle Communications Cloud Native Core, Security Edge Protection Proxy for NB-IoT - 25K Active Subscribers includes a restricted use license to MySQL Cluster Carrier Grade Edition. MySQL Cluster Carrier Grade Edition may be used solely to deploy and run Oracle Communications Cloud Native Core network functions.</p> <p><b>Counting Mechanism:</b> SEPP NB-IoT counts unique device identifiers as it processes messages.</p>                                                                                                                                                                                   |
| Oracle Communications Cloud Native Core | Oracle Communications Cloud Native Core, Service Communication Proxy for NB-IoT - 25K Active Subscribers Perpetual    | <p><b>Description:</b> This subproduct adds the following features to the Oracle Communications Cloud Native Core.</p> <p>The Service Communication Proxy for NB-IoT (SCP NB-IoT) addresses introduction of 5G Service Based Architecture and the usage of HTTP/2 for signaling. Provides congestion control in cases of flooding and at the same time protect servers from being overloaded. Facilitates traffic prioritization to ensure that the higher priority traffic is addressed in overload situations Uniform Authorization/Authentication mechanism in the network Simplifies the network and provider better visibility into the health of the network. Reduces the connection mesh to a manageable number of connections, thereby decreasing the chances of failure.</p> <p><b>Prerequisites:</b> None</p> <p><b>Entitled Products and Restricted Use Licenses:</b> A license to Oracle Communications Cloud Native Core, Service Communication Proxy for NB-IoT - 25K Active Subscribers Perpetual includes a restricted use license to MySQL Cluster Carrier Grade Edition. MySQL Cluster Carrier Grade Edition may be used solely to deploy and run Oracle Communications Cloud Native Core network functions.</p> <p><b>Counting Mechanism:</b> SCP NB-IoT counts unique device identifiers as it processes messages.</p> |

| Product                                 | Sub product                                                                                                         | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-----------------------------------------|---------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Oracle Communications Cloud Native Core | Oracle Communications Cloud Native Core, Subscriber Location Function for NB-IoT - 25K Active Subscribers Perpetual | <p><b>Description:</b> This subproduct adds the following feature to the Oracle Communications Cloud Native Core.</p> <p>The Subscriber Location Function for NB-IoT (SLF NB-IoT) is an entity of 5G network which it is used to identify a subscriber to a specific network function. This license is based on 25k active subscribers perpetual.</p> <p><b>Prerequisites:</b> One of the following licenses are prerequisite to license and use Oracle Communications Cloud Native Core, Subscriber Location Function for NB-IoT - 25K Active Subscribers Perpetual:</p> <ul style="list-style-type: none"> <li>• Oracle Communications Cloud Native Core, Service Communication Proxy for NB-IoT - 25K Active Subscribers Perpetual</li> <li>• Oracle Communications Cloud Native Core, Network Repository Function for NB-IoT - 25K Active Subscribers Perpetual</li> <li>• Oracle Communications Cloud Native Core, Security Edge Protection Proxy for NB-IoT - 25K Active Subscribers Perpetual</li> </ul> <p><b>Counting Mechanism:</b> SLF NB-IoT counts unique device identifiers as it processes messages.</p> |
| Oracle Communications Cloud Native Core | Oracle Communications Cloud Native Core, Policy Control Function for NB-IoT - 25K Active Subscribers Perpetual      | <p><b>Description:</b> This subproduct adds the following features to the Oracle Communications Cloud Native Core.</p> <p>The Policy Control Function for NB-IoT (PCF NB-IoT) allows the customer to support centralized policy management in their 5G core network.</p> <p><b>Prerequisites:</b> None</p> <p><b>Entitled Products and Restricted Use Licenses:</b> A license to Oracle Communications Cloud Native Core, Policy Control Function for NB-IoT - 25K Active Subscribers Perpetual includes a restricted use license to MySQL Cluster Carrier Grade Edition. MySQL Cluster Carrier Grade Edition may be used solely to deploy and run Oracle Communications Cloud Native Core network functions.</p> <p><b>Counting Mechanism:</b> PCF NB-IoT counts unique device identifiers as it processes messages.</p>                                                                                                                                                                                                                                                                                               |

| Product                                 | Sub product                                                                                                     | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Oracle Communications Cloud Native Core | Oracle Communications Cloud Native Core, Binding Support Function for NB-IoT - 25K Active Subscribers Perpetual | <p><b>Description:</b> This subproduct adds the following features to the Oracle Communications Cloud Native Core.</p> <p>The Binding Support Function for NB-IoT (BSF NB-IoT) provides session binding functionality, which ensures request for session reaches the relevant PCF NB-IoT holding the session information.</p> <p>This service:</p> <ul style="list-style-type: none"> <li>Allows Network Function (NF) consumers to register, update and remove the binding information; and</li> <li>Allows Network Function (NF) consumers to retrieve the binding information.</li> </ul> <p><b>Prerequisites:</b> None</p> <p><b>Entitled Products and Restricted Use Licenses:</b> A license to Oracle Communications Cloud Native Core, Binding Support Function for NB-IoT - 25K Active Subscribers Perpetual, includes a restricted use license to MySQL Cluster Carrier Grade Edition. MySQL Cluster Carrier Grade Edition may be used solely to deploy and run Oracle Communications Cloud Native Core network functions.</p> <p><b>Counting Mechanism:</b> BSF NB-IoT counts unique device identifiers as it processes messages.</p> |
| Oracle Communications Cloud Native Core | Oracle Communications Cloud Native Core, Unified Data Repository for NB-IoT - 25K Active Subscribers Perpetual  | <p><b>Description:</b> This subproduct adds the following features to the Oracle Communications Cloud Native Core.</p> <p>The Unified Data Repository for NB-IoT (UDR NB-IoT) is a functional entity that acts as a single logical repository of user data and is unique from Application Front End's perspective. Entities which do not store user data and that need to access user data stored in the UDR NB-IoT are collectively known as application front ends.</p> <p><b>Prerequisites:</b> None</p> <p><b>Entitled Products and Restricted Use Licenses:</b> A license to Oracle Communications Cloud Native Core, Unified Data Repository for NB-IoT - 25K Active Subscribers includes a restricted use license to MySQL Cluster Carrier Grade Edition. MySQL Cluster Carrier Grade Edition may be used solely to deploy and run Oracle Communications Cloud Native Core network functions.</p> <p><b>Counting Mechanism:</b> UDR NB-IoT counts unique device identifiers that it has activated</p>                                                                                                                                    |

| Product                                 | Sub product                                                                                                               | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-----------------------------------------|---------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Oracle Communications Cloud Native Core | Oracle Communications Cloud Native Core, Unstructured Data Storage Function for NB-IoT - 25K Active Subscribers Perpetual | <p><b>Description:</b> This subproduct adds the following features to the Oracle Communications Cloud Native Core.</p> <p>The Unstructured Data Storage Function for NB-IoT (UDSF NB-IoT) is a functional entity of 5G network where the Network Functions can store/retrieve "unstructured" data. It supports data storage for stateless network functions. This data is based on the state information of different NFs, intermediate representation of data crossing different radio technologies, session related data etc. This license is based on 25K active subscribers perpetual.</p> <p><b>Prerequisites:</b> The following licenses are prerequisite to license and use Oracle Communications Cloud Native Core, Unstructured Data Storage Function - 25K Active Subscribers Perpetual:</p> <ul style="list-style-type: none"> <li>Oracle Communications Cloud Native Core, Unified Data Repository for NB-IoT - 25K Active Subscribers Perpetual</li> </ul> <p><b>Entitled Products and Restricted Use Licenses:</b> A license to Oracle Communications Cloud Native Core, Unstructured Data Storage Function for NB-IoT - 25K Active Subscribers Perpetual includes a restricted use license to MySQL Cluster Carrier Grade Edition. MySQL Cluster Carrier Grade Edition may be used solely to deploy and run Oracle Communications Cloud Native Core network functions.</p> <p><b>Counting Mechanism:</b> Since UDR NB-IoT is a prerequisite for UDSF NB-IoT. UDR NB-IoT counts unique device identifiers that it has activated.</p> |
| Oracle Communications Cloud Native Core | Oracle Communications Cloud Native Core, Routing and Selection Domain for NB-IoT - 25K Active Subscribers Perpetual       | <p><b>Description:</b> Routing and Selection domain for NB-IoT consists of six Cloud Native Core functions: Service Communication Proxy for NB-IoT, Network Repository Function for NB-IoT, Network Exposure Function for NB-IoT, Network Slice Selection Function for NB-IoT, Security Edge Protection Proxy for NB-IoT, and Interworking and Mediation Function for NB-IoT.</p> <p><b>Prerequisites:</b> None</p> <p><b>Entitled Products and Restricted Use Licenses:</b> A license to Oracle Communications Cloud Native Core, Routing and Selection Domain for NB-IoT - 25K Active Subscribers Perpetual includes a restricted use license to MySQL Cluster Carrier Grade Edition. MySQL Cluster Carrier Grade Edition may be used solely to deploy and run Oracle Communications Cloud Native Core network functions.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

| Product                                 | Sub product                                                                                                               | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-----------------------------------------|---------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Oracle Communications Cloud Native Core | Oracle Communications Cloud Native Core, Converged Policy for NB-IoT - 25K Active Subscribers Perpetual                   | <p><b>Description:</b> This functionality provides the Right to Use the Cloud Native Policy and Charging Rules Function for NB-IoT (cnPCRF NB-IoT) and Cloud Native Policy Control Function for NB-IoT (PCF NB-IoT) NFs. The Policy Control Function for NB-IoT allows the customer to support centralized policy management in their 5G core network. The Cloud Native Policy and Charging Rules Function for NB-IoT (cnPCRF NB-IoT) allows the customer to support centralized policy management in their 4G core network.</p> <p>Overall, this converged license enables customers to perform Policy management for 4G and 5G Networks as a complete solution and also enables customers to transition subscribers from 4G to 5G over time.</p> <p><b>Prerequisites:</b> None</p> <p><b>Entitled Products and Restricted Use Licenses:</b> A license to Oracle Communications Cloud Native Core, Converged Policy for NB-IoT - 25K Active Subscribers Perpetual, includes a restricted use license to MySQL Cluster Carrier Grade Edition. MySQL Cluster Carrier Grade Edition may be used solely to deploy and run Oracle Communications Cloud Native Core network functions. Counting Mechanism: cnPCRF NB-IoT and PCF NB-IoT counts unique device identifiers as it processes messages.</p> |
| Oracle Communications Cloud Native Core | Oracle Communications Cloud Native Core, Policy and Charging Rules Function for NB-IoT - 25K Active Subscribers Perpetual | <p><b>Description:</b> This sub product adds the following features to the Oracle Communications Cloud Native Core.</p> <p>This functionality provides the Right to Use the Cloud Native Core Policy and Charging Rules Function for NB-IoT (cnPCRF NB-IoT). The cnPCRF NB-IoT allows the customer to support centralized policy management in their 4G core network. It includes PCRF NB-IoT functionality.</p> <p><b>Prerequisites:</b> None</p> <p><b>Entitled Products and Restricted Use Licenses:</b> A license to Oracle Communications Cloud Native Core, Policy and Charging Rules Function for NB-IoT - 25K Active Subscribers Perpetual includes a restricted use license to MySQL Cluster Carrier Grade Edition. MySQL Cluster Carrier Grade Edition may be used solely to deploy and run Oracle Communications Cloud Native Core network functions.</p> <p><b>Counting Mechanism:</b> cnPCRF NB-IoT counts unique device identifiers as it processes messages.</p>                                                                                                                                                                                                                                                                                                                   |

| Product                                 | Sub product                                                                                      | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-----------------------------------------|--------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Oracle Communications Cloud Native Core | Oracle Communications Cloud Native Core, 5G Equipment Identity Register - 25K Active Subscribers | <p>This subproduct adds the following features to the Oracle Communications Cloud Native Core –</p> <ul style="list-style-type: none"><li>• 5G-EIR (Equipment Identity Register) is a network function (NF) as defined by the 3rd Generation Partnership Project (3GPP)</li><li>• 5G-EIR allows the telecom operator to check the status of the mobile equipment</li></ul> <p><b>Prerequisites:</b> None.</p> <p><b>Entitled Products and Restricted Use Licenses:</b> None</p> <p><b>Counting Mechanism:</b> EIR counts unique device identifiers as it processes messages.</p> |

| Product                                 | Sub product                                                                                      | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-----------------------------------------|--------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Oracle Communications Cloud Native Core | Oracle Communications Cloud Native Core, Automated Lifecycle Management - 25K Active Subscribers | <p>This subproduct adds the following features to the Oracle Communications Cloud Native Core:</p> <ul style="list-style-type: none"> <li>• Continuous Delivery Control Server(CDCS).</li> <li>• It automates the install and upgrade processes of 5G Core Network Functions, reduces inefficiency-errors, and thus generates savings on the operational expenditure for the customer.</li> <li>• It automates downloading, installation, and upgrade of the CNC 5G Network Functions.</li> </ul> <p><b>Prerequisites:</b> The following license is required to use Oracle Communications Cloud Native Core, Automated Lifecycle Management:</p> <ul style="list-style-type: none"> <li>• Oracle Communications Cloud Native Core, Cloud Native Environment - 25K Active Subscribers</li> </ul> <p>Also, any one of following licenses is required in addition to the above license:</p> <ul style="list-style-type: none"> <li>• Oracle Communications Cloud Native Core, Network Repository Function - 25K Active Subscribers</li> <li>• Oracle Communications Cloud Native Core, Service Communication Proxy - 25K Active Subscribers</li> <li>• Oracle Communications Cloud Native Core, Network Slice Selection Function - 25K Active Subscribers</li> <li>• Oracle Communications Cloud Native Core, Security Edge Protection Proxy - 25K Active Subscribers</li> <li>• Oracle Communications Cloud Native Core, Network Exposure Function - 25K Active Subscribers</li> <li>• Oracle Communications Cloud Native Core, Binding Support Function - 25K Active Subscribers</li> <li>• Oracle Communications Cloud Native Core, Policy Control Function - 25K Active Subscribers</li> <li>• Oracle Communications Cloud Native Core, Converged Policy - 25K Active Subscribers</li> <li>• Oracle Communications Cloud Native Core, Policy and Charging Rules Function - 25K Active Subscribers</li> <li>• Oracle Communications Cloud Native Core, Routing and Selection Domain - 25K Active Subscribers</li> </ul> |



| Product                                 | Sub product                                                                                                  | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-----------------------------------------|--------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Oracle Communications Cloud Native Core | Oracle Communications Cloud Native Core, Converged Policy Feature Pack D - 25K Active Subscribers            | <p><b>Description:</b> This sub-product adds the following optional features to Converged Policy:</p> <ul style="list-style-type: none"> <li>• AM/UE feature enhancements <ul style="list-style-type: none"> <li>– Subscriber tracing</li> <li>– Limiting the number of sessions</li> <li>– Detection and handling of late arrival requests on N15 interface</li> <li>– Session Retry</li> <li>– UE-PCF discovery of AMF</li> </ul> </li> <li>• Support for Authorization policies on Side car configuration</li> <li>• Timer Sheet Compliance</li> <li>• Support for SRA customization</li> <li>• Pending Transaction on N15</li> <li>• Custom environment compliance</li> <li>• Support for Dual stack cluster with IPv4 Application</li> </ul> <p><b>Prerequisites:</b> Any one of the following licenses is prerequisite to license and use Oracle Communications Cloud Native Core, Converged Policy Feature Pack D - 25K Active Subscribers:</p> <ul style="list-style-type: none"> <li>• Oracle Communications Cloud Native Core, Converged Policy - 25K Active Subscribers</li> <li>• Oracle Communications Cloud Native Core, Policy Control Function - 25K Active Subscribers</li> <li>• Oracle Communications Cloud Native Core, Policy and Charging Rules Function - 25K Active Subscribers</li> </ul> |
| Oracle Communications Cloud Native Core | Oracle Communications Cloud Native Core, Service Communication Proxy Feature Pack D - 25K Active Subscribers | <p><b>Description:</b> This sub-product adds the following optional features to Service Communication Proxy:</p> <ul style="list-style-type: none"> <li>• Enhanced egress rate limiting</li> <li>• Enhanced message failure handling</li> <li>• ATS Optimization of Execution time</li> <li>• Support for Health API using HTTP2 OPTIONS</li> <li>• Custom environment compliance</li> <li>• Support for Aspen Service Mesh upgrade</li> </ul> <p><b>Prerequisites:</b> The following license is prerequisite to license and use Oracle Communications Cloud Native Core, Service Communication Proxy Feature Pack D - 25K Active Subscribers:</p> <ul style="list-style-type: none"> <li>• Oracle Communications Cloud Native Core, Service Communication Proxy – 25K Active Subscribers</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

| Product                                 | Sub product                                                                                                   | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-----------------------------------------|---------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Oracle Communications Cloud Native Core | Oracle Communications Cloud Native Core, Subscriber Location Function Feature Pack D - 25K Active Subscribers | <p><b>Description:</b> This sub-product adds the following optional features to Subscriber Location Function:</p> <ul style="list-style-type: none"> <li>• Authorization policies on Side car configuration</li> <li>• ATS automatic log collection</li> <li>• Controlled shutdown on extended replication failures</li> <li>• Support for Dual stack cluster with IPv4 Application</li> <li>• Custom environment compliance</li> </ul> <p><b>Prerequisites:</b> The following license is prerequisite to license and use Oracle Communications Cloud Native Core, Subscriber Location Function Feature Pack D - 25K Active Subscribers:</p> <ul style="list-style-type: none"> <li>• Oracle Communications Cloud Native Core, Subscriber Location Function – 25K Active Subscribers</li> </ul>                                                                                       |
| Oracle Communications Cloud Native Core | Oracle Communications Cloud Native Core, Network Repository Function Feature Pack D - 25K Active Subscribers  | <p><b>Description:</b> This sub-product adds the following optional features to Network Repository Function.</p> <ul style="list-style-type: none"> <li>• Support for Authorization policies on Side car configuration</li> <li>• Support for Health API using HTTP2 OPTIONS</li> <li>• Slice specific Metrics for NF discovery and notification</li> <li>• Custom environment compliance</li> <li>• Support for Dual stack cluster with IPv4 Application</li> <li>• Limit number of producers in discovery response</li> </ul> <p><b>Prerequisites:</b> The following license is prerequisite to license and use Oracle Communications Cloud Native Core, Network Repository Function Feature Pack D - 25K Active Subscribers:</p> <ul style="list-style-type: none"> <li>• Oracle Communications Cloud Native Core, Network Repository Function – 25K Active Subscribers</li> </ul> |

| Product                                 | Sub product                                                                                                       | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-----------------------------------------|-------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Oracle Communications Cloud Native Core | Oracle Communications Cloud Native Core, Binding Support Function Feature Pack D - 25K Active Subscribers         | <p><b>Description:</b> This sub-product adds the following optional features to Binding Support Function.</p> <ul style="list-style-type: none"> <li>• Support for Aspen Service Mesh parameters</li> <li>• Subscriber identity in 5G messages 3GPP SBI Correlation customization</li> <li>• Support for Health API using HTTP2 OPTIONS</li> <li>• Custom environment compliance</li> <li>• Support for Dual stack cluster with IPv4 Application</li> </ul> <p><b>Prerequisites:</b> The following license is prerequisite to license and use Oracle Communications Cloud Native Core, Binding Support Function Feature Pack D - 25K Active Subscribers:</p> <ul style="list-style-type: none"> <li>• Oracle Communications Cloud Native Core, Binding Support Function – 25K Active Subscribers</li> </ul>                                                                                                                                                                                |
| Oracle Communications Cloud Native Core | Oracle Communications Cloud Native Core, Network Slice Selection Function Feature Pack D - 25K Active Subscribers | <p><b>Description:</b> This sub-product adds the following optional features to Network Slice Selection Function.</p> <ul style="list-style-type: none"> <li>• ATS Golden Configuration</li> <li>• Notify Response Error custom handling</li> <li>• Support for Health API using HTTP2 OPTIONS</li> <li>• Support for User-Agent header</li> <li>• Custom environment compliance</li> <li>• Support for Dual stack cluster with IPv4 Application</li> <li>• Update VNFD customization</li> <li>• Support for Authorization policies on Side car configuration</li> <li>• Ingress Gateway POD Protection Defence</li> </ul> <p><b>Prerequisites:</b> The following license is prerequisite to license and use Oracle Communications Cloud Native Core, Network Slice Selection Function Feature Pack D - 25K Active Subscribers:</p> <ul style="list-style-type: none"> <li>• Oracle Communications Cloud Native Core, Network Slice Selection Function – 25K Active Subscribers</li> </ul> |

**Note:**

**25K Active Subscribers:** It is defined as twenty-five thousand unique subscribers provisioned and activated or processed by the network function in a calendar month. A Subscriber is defined as (a) unique device identifier processed by the network function, (b) unique device identifier processed by a defined, external network function, (c) active entities in the subscriber database. The total number of active subscribers shall be equal to all applicable types of subscribers listed above, as defined for the network function.

 **Note:**

**NB-IoT:** Programs licensed under NB-IoT are specifically for processing traffic related to "Internet of Things" (IoT) or "Machine to Machine" (M2M) devices (including, by way of example, consumer appliances such as refrigerators, utility meters, etc.), and you may not use such programs for processing traffic related to wireless services, real-time services, broadband services, wireline telephone or data subscription services.

 **Note:**

MySQL Cluster Carrier Grade Edition needs to be downloaded separately from the Oracle Software Delivery Cloud as it is not a part of the Cloud Native Core download package. With the purchase of Oracle Communication Cloud Native Core, Network Function Cloud Native Environment, the customer is entitled to a restricted use license to MySQL Cluster Carrier Grade Edition. MySQL Cluster Carrier Grade Edition may be used solely to deploy and run Oracle Communications Cloud Native Core network functions only.

- For MySQL license manual, click [here](#).
- For MySQL NDB Cluster licensing manual, click [here](#).

 **Note:**

Oracle Linux, used by all the network functions of Oracle Communications Cloud Native Core, must be downloaded separately from the Oracle Software Delivery Cloud as Oracle Linux is not a part of the Cloud Native Core download package. For more information on licensing, refer to the [Oracle Linux End-User Licensing Agreement](#).

 **Note:**

Oracle JDK, used by all the network functions of Oracle Communications Cloud Native Core, must be downloaded separately from the Oracle Software Delivery Cloud as Oracle JDK is not a part of the Cloud Native Core download package. For more information on licensing, refer to the [Oracle JDK End-User Licensing Agreement](#).

**Note:**

Oracle Communication Cloud Native Core uses both versions of Oracle Coherence (Community Edition [CE] and Enterprise edition [EE]). For more information on their licensing, please refer to the license document/release notes:

- [Oracle Coherence Enterprise Edition](#)
- [Oracle Coherence Community Edition](#)

**Note:**

Oracle Helidon is used by all the network functions of Oracle Communications Cloud Native Core and is a part of the Cloud Native Core download package. For more information on licensing, refer to the [Oracle Helidon Licensing Agreement](#).

**Note:**

Oracle GraalVM is used by all the network functions of Oracle Communications Cloud Native Core and is a part of the Cloud Native Core download package. For more information on licensing, refer to the [Oracle GraalVM Enterprise Edition](#).

**Note:**

oci-management-agent and oci-fluentd-collector are used by all the network functions of Oracle Communications Cloud Native Core and are a part of the Cloud Native Core download package. oci-management-agent and oci-fluentd-collector do not include any third party code under commercial terms that would limit the ability to embed these with the CGIU products or impose any additional development restrictions or royalty/reporting obligations. oci-management-agent and oci-fluentd-collector are included for use with Oracle Communications Cloud Native Core. Use of oci-management-agent and oci-fluentd-collector are restricted to use with Oracle Communications Cloud Native Core.

# 3

## Third-Party Notices and/or Licenses

### 3.1 Commercial Software

Commercial software products or components distributed in Oracle Communications Cloud Native Core are identified in the following table along with the applicable licensing information.

| Provider | Component(s) | Licensing Information |
|----------|--------------|-----------------------|
| N/A      | N/A          | N/A                   |

### 3.2 Open Source or Other Separately Licensed Software

Required notices for open source or other separately licensed software products or components distributed in Oracle Communications Cloud Native Core are identified in the following sections along with the applicable licensing information. Additional notices and/or licenses may be found in the included documentation or readme files of the individual third party software.

The sections below identify the open source components used by each Oracle Communications Cloud Native Core subproduct. The licensing information can be found in section **Cloud Native Core Licensing Information**.

#### 3.2.1 Oracle Communications Cloud Native Core, Cloud Native Environment 24.1.0 Components

The following is the list of components for Oracle Communications Cloud Native Core, Cloud Native Environment 24.1.0:

- APScheduler 3.10.4
- Crontier 2.0.1
- exabgp 4.2.21
- Flask 3.0.0
- HAproxy 2.6.7
- Injector 0.21.0
- Kubernetes Python Client 28.1.0
- Kubespray 2.24.0
- Oracle OpenSearch 2.3.0
- Oracle OpenSearch Dashboards 2.3.0
- Paramiko 3.4.0
- Prometheus Python Client 0.17.0

- python-json-logger 2.0.7
- python-openstackclient 6.2.0
- pyyaml 6.0.1
- requests 2.31.0
- Schedule 1.2.1
- Spring-boot-starter 3.2.1
- spring-boot-starter-actuator 3.2.1
- spring-boot-starter-data-jpa 3.2.1
- spring-boot-starter-log4j2 3.2.1
- spring-boot-starter-test 3.2.1
- spring-boot-starter-undertow 3.2.1
- spring-boot-starter-validation 3.2.1
- spring-boot-starter-web 3.2.1
- spring-boot-starter-webflux 3.2.1
- SQLAlchemy 2.0.23
- vcd-cli 24.1.0

## 3.2.2 Automated Test Suite 24.1.0 Components

The following is the list of components for Oracle Communications Cloud Native Core, Automated Test Suite (ATS) 24.1.0:

- Apache HTTP Server 2.4.58
- behave 1.2.6
- Blue Ocean 1.27.10
- colorlog 6.8.0
- dnspython 2.4.2
- Flask 3.0.0
- geckodriver 0.34.0
- http2-client 11.0.16
- httpx 0.26.0
- Jenkins 2.447
- Jenkins active choices plug-in 2.8.1
- Jetty 11.0.16
- JMeter 5.6.1
- jsonmerge 1.9.2
- jwcrypto 1.5.1
- Kubernetes Client Java 6.8.1
- Kubernetes Python Client 29.0.0
- Login Theme Plugin for Jenkins 108.vf74a\_83b\_2238b\_

- Matrix Authorization Strategy Plug-in 3.2.1
- OCI SDK for Python 2.123.0
- Opensearch Python Client 2.4.2
- Paramiko 3.4.0
- Pipeline Plugin 596.v8c21c963d92d
- pipeline-stage-view 2.34
- pyyaml 6.0.1
- Quart 0.19.3
- regex 2023.12.25
- requests 2.31.0
- Selenium - Python 4.16.0
- Simple Theme Plugin for Jenkins 176.v39740c03a\_a\_f5
- test-results-analyzer-plugin 0.4.1
- TinyDB 4.8.0

## 3.2.3 Oracle Communications Cloud Native Core, Binding Support Function

### 24.1.0 Components

The following is the list of components for Oracle Communications Cloud Native Core, Binding Support Function 24.1.0:

- @hapi/inert 7.1.0
- @hapi/wreck 18.0.1
- @opentelemetry/api 1.6.0
- @opentelemetry/auto-instrumentations-node 0.39.2
- bcpkix-jdk15on 1.70
- bcpkix-jdk18on 1.76
- bind-utils 9.11.36-11
- Blockly 9.3.3
- Brave 5.14.0
- bucket4j 7.6.0
- caffeine 3.1.8
- coherence-spring-boot-starter 3.3.2
- Commons Codec 1.16.0
- Commons Compress 1.26.0
- Commons CSV 1.10.0
- Commons IO 2.13.0
- Commons Lang 3.13.0
- Commons Pool 2.12.0



- deep-diff 1.0.2
- dnsjava 3.5.3
- dnspython 2.4.2
- dotenv 16.0.3
- Equals Verifier 3.14.2
- Expiring Map 0.5.11
- fastjson 2.0.45
- Fastjson2 2.0.35
- file-saver 2.0.5
- Flask 3.0.0
- gnu tar 1.30-6
- GSON 2.10
- Guava 33.0.0
- gunicorn 21.2.0
- hapi 21.3.2
- HikariCP 5.1.0
- HttpComponents Client 5.2.1
- HttpComponents HttpClient 4.5.14
- HttpCore NIO 4.4.16
- httpcore5 5.2.3
- httpx 0.26.0
- HyperSQL Database Engine (HSQLDB) 2.7.2
- import-fresh 3.3.0
- influxdb-java 2.24
- ip 1.1.9
- ipaddr.js 2.1.0
- Jackson Annotations 2.15.3
- Jackson Core 2.15.3
- Jackson Databind 2.15.3
- jackson-datatype-jdk8 2.15.3
- jackson-datatype-joda 2.15.3
- jackson-datatype-jsr310 2.15.3
- Jakarta Activation API (JAF) 2.1.2
- Jakarta Annotations API 3.0.0-M1
- Jakarta Bean Validation API 3.1.0-M1
- Jakarta Restful Web Services JAX-RS API 3.1.0
- Jakarta Servlet 6.1.0-M1
- Jakarta XML Binding API (JAXB) 4.0.1

- Jakarta XML Binding RI (JAXB) 4.0.2
- Jakarta XML Web Services (JAX-WS) RI (Metro) 4.0.1
- jakarta.inject-api 2.0.1
- jakarta.mail-api 2.1.2
- jakarta.xml.ws-api 4.0.1
- JavaScript Extension Toolkit (JET) 15.1.9
- Javassist 3.29.2-GA
- jaxb-core 4.0.2
- jaxb-impl 4.0.2
- jersey-client 3.1.3
- jersey-common 3.1.3
- jersey-hk2 3.1.3
- jersey-media-json-jackson 3.1.3
- jersey-media-multipart 3.1.3
- jersey-server 3.1.3
- Jetty 11.0.20
- Jetty ReactiveStream HttpClient 3.0.9
- jetty-jakarta-servlet-api 5.0.2
- Jinja2 3.1.3
- jjwt-api 0.12.3
- JLDAP-Policy 2008/3/1
- Jose4j 0.9.4
- jQuery 3.6.1
- jSMPP 3.0.1
- JSON in Java 20231013
- jsonEditor 9.10.2
- json-path 2.8.0
- json-schema-validator 1.0.88
- JSZip 3.10.1
- Kubernetes Java Client 18.0.0
- Kubernetes Python Client 29.0.0
- LMAX Disruptor 3.4.2
- lodash 4.17.21
- Log4j-API 2.20.0
- log4j-core 2.20.0
- log4j-slf4j-impl 2.20.0
- log4j-web 2.20.0
- Logback 1.4.14

- Lombok 1.18.28
- matplotlib 3.7.1
- micrometer-registry-prometheus 1.11.5
- mocha 10.2.0
- mockito-inline 5.2.0
- Moment.js 2.30.1
- net-tools 2.0-0.52.20160912git
- NumPy 1.26.0
- OCI SDK for Python 2.124.0
- okhttp-logging-interceptor 4.11.0
- Okio 3.4.0
- opentelemetry-javaagent 1.28.0
- pandas 2.0.2
- prom-client 14.1.1
- Prometheus Python Client 0.17.0
- Protocol Buffers (aka Google protobuf) 3.21.8
- python-mysqldb 2.2.1
- pyyaml 6.0.1
- reactor-core 3.5.14
- reactor-netty-http 1.1.15
- reactor-test 3.5.0
- regex 2023.6.3
- requests 2.31.0
- simpleclient\_servlet 0.16.0
- slf4j-api 2.0.7
- SnakeYAML 2.2
- Spring Cloud Starter Gateway 4.0.6
- Spring Retry 2.0.4
- spring-aop 6.0.17
- spring-beans 6.0.17
- spring-boot-devtools 3.1.10
- Spring-boot-starter 3.1.10
- spring-boot-starter-actuator 3.1.10
- spring-boot-starter-cache 3.1.10
- spring-boot-starter-data-jpa 3.1.10
- spring-boot-starter-jdbc 3.1.10
- spring-boot-starter-jersey 3.1.10
- spring-boot-starter-jetty 3.1.10

- `spring-boot-starter-log4j2` 3.1.10
- `spring-boot-starter-test` 3.1.10
- `spring-boot-starter-undertow` 3.1.10
- `spring-boot-starter-validation` 3.1.10
- `spring-boot-starter-web` 3.1.10
- `spring-boot-starter-webflux` 3.1.10
- `spring-boot-starter-web-services` 3.1.10
- `spring-cloud-kubernetes-fabric8-discovery` 3.0.3
- `spring-cloud-starter-kubernetes-fabric8` 3.0.3
- `spring-cloud-starter-kubernetes-fabric8-all` 3.0.4
- `spring-cloud-starter-kubernetes-fabric8-config` 3.0.3
- `spring-cloud-starter-kubernetes-fabric8-loadbalancer` 3.0.4
- `spring-context` 6.0.17
- `spring-context-support` 6.0.17
- `spring-core` 6.0.17
- `springdoc-openapi-starter-webmvc-ui` 2.1.0
- `springdoc-openapi-ui` 1.6.14
- `spring-expression` 6.0.17
- `spring-jcl` 6.0.17
- `spring-jdbc` 6.0.17
- `spring-kafka` 2.9.12
- `spring-messaging` 6.0.17
- `spring-orm` 6.0.17
- `spring-web` 6.0.17
- `spring-webmvc` 6.0.17
- `spring-ws-security` 4.0.4
- `TypeScript` 5.0.4
- `undertow-core` 2.3.10.Final
- `winston` 3.11.0
- `wiremock` 2.35.0
- `XML Security for Java` 3.0.3
- `XStream` 1.4.20
- `Zipkin` 2.24.3
- `zipkin-reporter-java` 2.16.4

## 3.2.4 Oracle Communications Cloud Native Core, Certificate Management 24.1.0

The following is the list of components for Oracle Communications Cloud Native Core, Certificate Management 24.1.0:

- bcpkix-jdk18on 1.76
- bind-utils 9.11.36-11
- gnu tar 1.30-9
- Guava 32.1.2
- Jackson Databind 2.16.1
- jersey-media-json-jackson 3.1.3
- Jetty 11.0.17
- Jetty ReactiveStream HttpClient 3.0.9
- JSON in Java 20231013
- Kubernetes Client Java 6.1.1
- Kubernetes Java Client 19.0.0
- log4j-core 2.22.1
- net-tools 2.0-0.52.20160912git
- Okio 3.4.0
- OpenSSL 3.2.1
- SnakeYAML 2.2
- Spring-boot-starter 3.1.10
- spring-boot-starter-actuator 3.1.10
- spring-boot-starter-log4j2 3.1.10
- spring-boot-starter-test 3.1.10
- spring-boot-starter-web 3.1.10
- spring-boot-starter-webflux 3.1.10
- tcpdump 4.9.3-3

## 3.2.5 Oracle Communications Cloud Native Configuration Console 24.1.0 Components

The following is the list of components for Oracle Communications Cloud Native Configuration Console 24.1.0:

- bcpkix-jdk18on 1.76
- bind-utils 9.11.36-11
- Blockly 9.3.3
- bucket4j 7.6.0

- Commons IO 2.13.0
- file-saver 2.0.5
- gnu tar 1.30-9
- GSON 2.10
- Guava 32.1.2
- Guava 33.0.0
- HttpComponents Client 5.2.1
- Jackson Databind 2.15.2
- jackson-datatype-joda 2.15.3
- JavaScript Extension Toolkit (JET) 15.1.3
- jersey-client 3.1.3
- jersey-common 3.1.3
- jersey-hk2 3.1.3
- jersey-media-json-jackson 3.1.3
- Jetty 11.0.17
- Jetty ReactiveStream HttpClient 3.0.8
- Jetty ReactiveStream HttpClient 3.0.9
- jjwt-api 0.12.3
- Jose4j 0.9.3
- JSON in Java 20231013
- JSZip 3.10.1
- Keycloak 22.0.5
- Kubernetes Client Java 6.1.1
- Kubernetes Java Client 18.0.1
- lodash 4.17.21
- Log4j-API 2.22.1
- log4j-core 2.22.1
- log4j-slf4j-impl 2.20.0
- log4j-web 2.20.0
- Lombok 1.18.28
- micrometer-registry-prometheus 1.11.0
- micrometer-registry-prometheus 1.11.5
- mocha 10.2.0
- net-tools 2.0-0.52.20160912git
- Okio 3.4.0
- opentelemetry-api 1.28.0
- opentelemetry-exporter-otlp 1.28.0
- opentelemetry-sdk 1.28.0

- protobuf-java 3.24.0
- slf4j-api 2.0.7
- SnakeYAML 2.2
- Spring Cloud Starter Gateway 4.0.6
- spring-boot-devtools 3.1.10
- Spring-boot-starter 3.1.10
- spring-boot-starter-actuator 3.1.10
- spring-boot-starter-cache 3.1.10
- spring-boot-starter-data-jpa 3.1.10
- spring-boot-starter-jdbc 3.1.10
- spring-boot-starter-log4j2 3.1.10
- spring-boot-starter-oauth2-client 3.1.10
- spring-boot-starter-oauth2-resource-server 3.1.10
- spring-boot-starter-test 3.1.10
- spring-boot-starter-undertow 3.1.10
- spring-boot-starter-validation 3.1.10
- spring-boot-starter-web 3.1.10
- spring-boot-starter-webflux 3.1.10
- spring-cloud-kubernetes-fabric8-discovery 3.0.3
- spring-cloud-starter-bootstrap 4.0.3
- spring-cloud-starter-kubernetes-fabric8 3.0.3
- spring-cloud-starter-kubernetes-fabric8-config 3.0.3
- spring-cloud-starter-kubernetes-fabric8-config 3.0.4
- spring-context 6.0.17
- spring-kafka 3.0.13
- spring-web 6.0.17
- spring-webmvc 6.0.17
- tcpdump 4.9.3-3

## 3.2.6 Oracle Communications Cloud Native Core, Network Exposure Function 24.1.0 Components

The following is the list of components for Oracle Communications Cloud Native Core, Network Exposure Function 24.1.0:

- bcpxix-jdk18on 1.76
- bind-utils 9.11.36-8
- bucket4j 7.6.0
- caffeine 3.1.7
- coherence-spring-boot-starter 4.0.0

- Commons IO 2.13.0
- dnsjava 3.5.3
- Flask 2.3.2
- gnu tar 1.30-9
- GSON 2.10
- Guava 32.1.2
- Guava 33.0.0
- gunicorn 21.2.0
- Jackson Databind 2.15.2
- jackson-databind-nullable 0.2.6
- Jakarta Bean Validation API 3.1.0-M1
- jakarta.xml.ws-api 4.0.1
- jersey-client 3.1.2
- Jetty 11.0.17
- Jetty ReactiveStream HttpClient 3.0.8
- Jinja2 3.1.3
- jjwt-api 0.12.3
- jjwt-impl 0.12.3
- jjwt-jackson 0.12.3
- Jose4j 0.9.3
- JSON in Java 20231013
- json-path 2.8.0
- json-schema-validator 1.0.74
- json-smart 2.4.10
- Kubernetes Java Client 18.0.1
- Kubernetes Python Client 29.0.0
- Log4j-API 2.22.1
- log4j-core 2.22.1
- log4j-layout-template-json 2.20.0
- log4j-web 2.20.0
- Lombok 1.18.28
- matplotlib 3.7.1
- micrometer-registry-prometheus 1.11.0
- net-tools 2.0-0.52.20160912git
- NumPy 1.26.0
- okhttp-logging-interceptor 4.11.0
- opentelemetry-api 1.28.0
- opentelemetry-exporter-otlp 1.28.0



- opentelemetry-sdk 1.28.0
- pandas 2.0.2
- Prometheus Python Client 0.17.0
- protobuf-java 3.24.0
- python-mysqldb 2.2.1
- pyyaml 6.0.1
- reactor-core 3.5.0
- reactor-core 3.5.11
- requests 2.31.0
- SnakeYAML 2.2
- Spring Cloud Starter Gateway 4.0.6
- spring-boot-devtools 3.1.10
- Spring-boot-starter 3.1.10
- spring-boot-starter-actuator 3.1.10
- spring-boot-starter-data-jpa 3.1.10
- spring-boot-starter-log4j2 3.1.10
- spring-boot-starter-oauth2-client 3.1.10
- spring-boot-starter-oauth2-resource-server 3.1.10
- spring-boot-starter-test 3.1.10
- spring-boot-starter-undertow 3.1.10
- spring-boot-starter-validation 3.1.10
- spring-boot-starter-web 3.1.10
- spring-boot-starter-webflux 3.1.10
- spring-cloud-kubernetes-fabric8-discovery 3.0.3
- spring-cloud-starter-bootstrap 4.0.3
- spring-cloud-starter-kubernetes-fabric8-config 3.0.3
- springdoc-openapi-starter-webmvc-ui 2.1.0
- spring-kafka 2.9.12
- spring-kafka 3.0.13
- spring-web 6.0.17
- tcpdump 4.9.3-3
- Undertow 2.3.0

## 3.2.7 Oracle Communications Cloud Native Core, Network Repository Function 24.1.0 Components

The following is the list of components for Oracle Communications Cloud Native Core, Network Repository Function 24.1.0:

- bcpkix-jdk18on 1.76

- bucket4j 7.6.0
- Commons IO 2.13.0
- dnsjava 3.5.3
- Flask 3.0.0
- Guava 32.1.2
- Guava 33.0.0
- gunicorn 21.2.0
- httpx 0.24.0
- Jackson Databind 2.15.2
- Jackson Databind 2.15.3
- Jetty 11.0.17
- Jetty ReactiveStream HttpClient 3.0.8
- Jinja2 3.1.3
- jjwt-api 0.12.3
- jjwt-impl 0.12.3
- jjwt-jackson 0.12.3
- Jose4j 0.9.3
- json-schema-validator 1.0.74
- Kubernetes Java Client 18.0.1
- Kubernetes Java Client 19.0.0
- Kubernetes Python Client 29.0.0
- log4j-layout-template-json 2.20.0
- matplotlib 3.7.1
- micrometer-registry-prometheus 1.11.5
- NumPy 1.26.0
- OCI SDK for Python 2.119.1
- Okio 3.4.0
- opentelemetry-api 1.28.0
- opentelemetry-exporter-otlp 1.28.0
- opentelemetry-sdk 1.28.0
- pandas 2.0.2
- Prometheus Python Client 0.17.0
- protobuf-java 3.24.0
- python-mysqldb 2.2.1
- pyyaml 6.0.1
- requests 2.28.2
- SnakeYAML 2.2
- Spring Cloud Starter Gateway 4.0.6

- Spring-boot-starter 3.1.10
- spring-boot-starter-actuator 3.1.10
- spring-boot-starter-data-jpa 3.1.10
- spring-boot-starter-jdbc 3.1.10
- spring-boot-starter-log4j2 3.1.10
- spring-boot-starter-oauth2-client 3.1.10
- spring-boot-starter-oauth2-resource-server 3.1.10
- spring-boot-starter-test 3.1.10
- spring-boot-starter-undertow 3.1.10
- spring-boot-starter-validation 3.1.10
- spring-boot-starter-web 3.1.10
- spring-cloud-kubernetes-fabric8-discovery 3.0.3
- spring-cloud-starter-bootstrap 4.0.3
- spring-cloud-starter-kubernetes-fabric8 3.0.3
- spring-cloud-starter-kubernetes-fabric8-config 3.0.3
- springdoc-openapi-starter-webmvc-ui 2.1.0
- spring-kafka 3.0.13
- spring-web 6.0.16

## 3.2.8 Oracle Communications Cloud Native Core, Network Slice Selection Function 24.1.0 Components

The following is the list of components for Oracle Communications Cloud Native Core, Network Slice Selection Function 24.1.0:

- bcpkix-jdk18on 1.76
- bucket4j 7.6.0
- coherence-spring-boot-starter 3.3.0
- Commons IO 2.13.0
- dnsjava 3.5.3
- Guava 32.1.2
- HttpComponents Client 5.2.1
- ipaddress 5.3.4
- Jackson Databind 2.15.2
- Jetty 11.0.17
- jjwt-api 0.12.3
- jjwt-impl 0.12.3
- jjwt-jackson 0.12.3
- Jose4j 0.9.3
- json-schema-validator 1.0.74

- Kubernetes Java Client 19.0.0
- micrometer-registry-prometheus 1.9.4
- opentelemetry-api 1.25.0
- opentelemetry-exporter-jaeger-thrift 1.25.0
- SnakeYAML 2.2
- Spring Cloud Starter Gateway 4.0.6
- Spring-boot-starter 3.1.10
- spring-boot-starter-actuator 3.1.10
- spring-boot-starter-cache 3.1.10
- spring-boot-starter-data-jpa 3.1.10
- spring-boot-starter-jdbc 3.1.10
- spring-boot-starter-jetty 3.1.10
- spring-boot-starter-log4j2 3.1.10
- spring-boot-starter-test 3.1.10
- spring-boot-starter-undertow 3.1.10
- spring-boot-starter-validation 3.1.10
- spring-boot-starter-webflux 3.1.10
- spring-cloud-kubernetes-fabric8-discovery 3.0.3
- spring-cloud-starter-bootstrap 4.0.3
- spring-cloud-starter-kubernetes-fabric8 3.0.3
- spring-cloud-starter-kubernetes-fabric8-config 3.0.3
- springdoc-openapi-ui 1.6.14
- spring-kafka 2.9.9
- Undertow 2.3.0.Final

## 3.2.9 Oracle Communications Cloud Native Core, Cloud Native Core Policy 24.1.0 Components

The following is the list of components for Oracle Communications Cloud Native Core, Cloud Native Core Policy 24.1.0:

- @hapi/inert 7.1.0
- @hapi/wreck 18.0.1
- @opentelemetry/api 1.6.0
- @opentelemetry/auto-instrumentations-node 0.39.2
- bcpx-jdk15on 1.70
- bcpx-jdk18on 1.76
- bind-utils 9.11.36-11
- Blockly 9.3.3
- Brave 5.14.0

- bucket4j 7.6.0
- caffeine 3.1.8
- coherence-spring-boot-starter 3.3.2
- Commons Codec 1.16.0
- Commons Compress 1.26.0
- Commons CSV 1.10.0
- Commons IO 2.13.0
- Commons Lang 3.13.0
- Commons Pool 2.12.0
- deep-diff 1.0.2
- dnsjava 3.5.3
- dnspython 2.4.2
- dotenv 16.0.3
- Equals Verifier 3.14.2
- Expiring Map 0.5.11
- fastjson 2.0.45
- Fastjson2 2.0.35
- file-saver 2.0.5
- Flask 3.0.0
- gnu tar 1.30-6
- GSON 2.10
- Guava 33.0.0
- gunicorn 21.2.0
- hapi 21.3.2
- HikariCP 5.1.0
- HttpComponents Client 5.2.1
- HttpComponents HttpClient 4.5.14
- HttpCore NIO 4.4.16
- httpcore5 5.2.3
- httpx 0.26.0
- HyperSQL Database Engine (HSQLDB) 2.7.2
- import-fresh 3.3.0
- influxdb-java 2.24
- ip 1.1.9
- ipaddr.js 2.1.0
- Jackson Annotations 2.15.3
- Jackson Core 2.15.3
- Jackson Databind 2.15.3

- jackson-datatype-jdk8 2.15.3
- jackson-datatype-joda 2.15.3
- jackson-datatype-jsr310 2.15.3
- Jakarta Activation API (JAF) 2.1.2
- Jakarta Annotations API 3.0.0-M1
- Jakarta Bean Validation API 3.1.0-M1
- Jakarta Restful Web Services JAX-RS API 3.1.0
- Jakarta Servlet 6.1.0-M1
- Jakarta XML Binding API (JAXB) 4.0.1
- Jakarta XML Binding RI (JAXB) 4.0.2
- Jakarta XML Web Services (JAX-WS) RI (Metro) 4.0.1
- jakarta.inject-api 2.0.1
- jakarta.mail-api 2.1.2
- jakarta.xml.ws-api 4.0.1
- JavaScript Extension Toolkit (JET) 15.1.9
- Javassist 3.29.2-GA
- jaxb-core 4.0.2
- jaxb-impl 4.0.2
- jersey-client 3.1.3
- jersey-common 3.1.3
- jersey-hk2 3.1.3
- jersey-media-json-jackson 3.1.3
- jersey-media-multipart 3.1.3
- jersey-server 3.1.3
- Jetty 11.0.20
- Jetty ReactiveStream HttpClient 3.0.9
- jetty-jakarta-servlet-api 5.0.2
- Jinja2 3.1.3
- jjwt-api 0.12.3
- JLDAP-Policy 2008/3/1
- Jose4j 0.9.4
- jQuery 3.6.1
- jSMPP 3.0.1
- JSON in Java 20231013
- jsonEditor 9.10.2
- json-path 2.8.0
- json-schema-validator 1.0.88
- JSZip 3.10.1

- Kubernetes Java Client 18.0.0
- Kubernetes Python Client 29.0.0
- LMAX Disruptor 3.4.2
- lodash 4.17.21
- Log4j-API 2.20.0
- log4j-core 2.20.0
- log4j-slf4j-impl 2.20.0
- log4j-web 2.20.0
- Logback 1.4.14
- Lombok 1.18.28
- matplotlib 3.7.1
- micrometer-registry-prometheus 1.11.5
- mkdirp 3.0.0
- mocha 10.2.0
- mockito-inline 5.2.0
- Moment.js 2.30.1
- net-tools 2.0-0.52.20160912git
- NumPy 1.26.0
- OCI SDK for Python 2.124.0
- okhttp-logging-interceptor 4.11.0
- Okio 3.4.0
- opentelemetry-javaagent 1.28.0
- pandas 2.0.2
- prom-client 14.1.1
- Prometheus Python Client 0.17.0
- Protocol Buffers (aka Google protobuf) 3.21.8
- python-mysqldb 2.2.1
- pyyaml 6.0.1
- reactor-core 3.5.14
- reactor-netty-http 1.1.15
- reactor-test 3.5.0
- regex 2023.6.3
- requests 2.31.0
- simpleclient\_servlet 0.16.0
- slf4j-api 2.0.7
- SnakeYAML 2.2
- Spring Cloud Starter Gateway 4.0.6
- Spring Retry 2.0.4

- spring-aop 6.0.17
- spring-beans 6.0.17
- spring-boot-devtools 3.1.10
- Spring-boot-starter 3.1.10
- spring-boot-starter-actuator 3.1.10
- spring-boot-starter-cache 3.1.10
- spring-boot-starter-data-jpa 3.1.10
- spring-boot-starter-jdbc 3.1.10
- spring-boot-starter-jersey 3.1.10
- spring-boot-starter-jetty 3.1.10
- spring-boot-starter-log4j2 3.1.10
- spring-boot-starter-test 3.1.10
- spring-boot-starter-undertow 3.1.10
- spring-boot-starter-validation 3.1.10
- spring-boot-starter-web 3.1.10
- spring-boot-starter-webflux 3.1.10
- spring-boot-starter-web-services 3.1.10
- spring-cloud-kubernetes-fabric8-discovery 3.0.3
- spring-cloud-starter-kubernetes-fabric8 3.0.3
- spring-cloud-starter-kubernetes-fabric8-all 3.0.4
- spring-cloud-starter-kubernetes-fabric8-config 3.0.3
- spring-cloud-starter-kubernetes-fabric8-loadbalancer 3.0.4
- spring-context 6.0.17
- spring-context-support 6.0.17
- spring-core 6.0.17
- springdoc-openapi-starter-webmvc-ui 2.1.0
- springdoc-openapi-ui 1.6.14
- spring-expression 6.0.17
- spring-jcl 6.0.17
- spring-jdbc 6.0.17
- spring-kafka 2.9.12
- spring-messaging 6.0.17
- spring-orm 6.0.17
- spring-web 6.0.17
- spring-webmvc 6.0.17
- spring-ws-security 4.0.4
- TypeScript 5.0.4
- undertow-core 2.3.10.Final



- winston 3.11.0
- wiremock 2.35.0
- XML Security for Java 3.0.3
- XStream 1.4.20
- Zipkin 2.24.3
- zipkin-reporter-java 2.16.4

### 3.2.10 Oracle Communications Cloud Native Core, OCI Adaptor 24.1.0 Components

The following is the list of components for Oracle Communications Cloud Native Core, OCI Adaptor 24.1.0:

- Jackson Annotations 2.15.3
- Jackson Core 2.15.3
- Jackson Databind 2.15.3
- Jetty 12.0.5
- json-schema-validator 1.0.74
- metrics-server 0.6.4
- opentelemetry-collector 0.84.0
- Spring-boot-starter 3.2.1
- spring-boot-starter-actuator 3.2.1
- spring-boot-starter-log4j2 3.2.1
- spring-boot-starter-test 3.2.1
- spring-boot-starter-web 3.2.1
- spring-cloud-kubernetes-fabric8-discovery 3.1.0
- spring-cloud-starter-bootstrap 4.1.0
- spring-cloud-starter-kubernetes-fabric8-config 3.1.0

### 3.2.11 Oracle Communications Cloud Native Core, Service Communication Proxy 24.1.0 Components

The following is the list of components for Oracle Communications Cloud Native Core, Service Communication Proxy 24.1.0:

- bind-utils 9.11.36-8
- bucket4j 7.6.0
- Commons Lang 3.13.0
- dnsjava 3.5.3
- drools-decisiontables 8.44.0
- Drools-mvel 8.44.0
- gnu tar 1.30-9

- GSON 2.10
- HttpComponents Client 5.2.1
- ipaddress 5.4.0
- Jackson Databind 2.16.1
- jackson-dataformat-yaml 2.16.1
- jackson-datatype-joda 2.16.1
- jackson-module-afterburner 2.16.1
- jersey-client 3.1.3
- jersey-hk2 3.1.3
- jersey-media-json-jackson 3.1.3
- Jetty 11.0.17
- Jetty ReactiveStream HttpClient 3.0.8
- JSON in Java 20231013
- json-path 2.8.0
- Kubernetes Java Client 18.0.1
- Kubernetes Java Client 16.0.3
- Log4j-API 2.22.1
- log4j-core 2.22.1
- log4j-layout-template-json 2.21.1
- log4j-web 2.20.0
- Logback 1.4.14
- Lombok 1.18.28
- micrometer-registry-prometheus 1.11.0
- net-tools 2.0-0.52.20160912git
- opentelemetry-api 1.28.0
- opentelemetry-exporter-otlp 1.28.0
- opentelemetry-sdk 1.28.0
- Reactor Kafka 1.3.22
- reactor-core 3.5.0
- reactor-core 3.5.14
- Spring Retry 2.0.1
- spring-boot-starter-actuator 3.1.10
- spring-boot-starter-data-jpa 3.1.10
- spring-boot-starter-log4j2 3.1.10
- spring-boot-starter-undertow 3.1.10
- spring-boot-starter-validation 3.1.10
- spring-boot-starter-web 3.1.10
- spring-boot-starter-webflux 3.1.10

- springdoc-openapi-starter-webmvc-ui 2.1.0
- springdoc-openapi-ui 1.6.14
- tcpdump 4.9.3-3
- zjsonpatch 0.4.14

## 3.2.12 Oracle Communications Cloud Native Core, Security Edge Protection Proxy 24.1.0 Components

The following is the list of components for Oracle Communications Cloud Native Core, Security Edge Protection Proxy 24.1.0:

- bcpx-jdk18on 1.76
- bind-utils 9.11.36-11
- bucket4j 7.6.0
- Commons IO 2.13.0
- Commons Lang 3.13.0
- dnsjava 3.5.3
- drools-decisiontables 8.44.0.Final
- Drools-mvel 8.44.0.Final
- Flask 3.0.0
- gnu tar 1.30-9
- GSON 2.10
- Guava 32.1.2
- Guava 33.0.0
- gunicorn 21.2.0
- HttpComponents Client 5.2.1
- Jackson Annotations 2.15.3
- Jackson Core 2.15.3
- Jackson Databind 2.15.2
- Jackson Databind 2.15.3
- jackson-datatype-joda 2.15.3
- jersey-client 3.1.3
- jersey-hk2 3.1.3
- jersey-media-json-jackson 3.1.3
- Jetty 11.0.17
- Jetty ReactiveStream HttpClient 3.0.8
- Jetty ReactiveStream HttpClient 3.0.9
- Jinja2 3.1.3
- jjwt-api 0.12.3
- jjwt-impl 0.12.3

- jjwt-jackson 0.12.3
- Jose4j 0.9.3
- JSON in Java 20231013
- json-path 2.8.0
- json-schema-validator 1.0.74
- junit-vintage-engine 5.9.2
- Kubernetes Client Java 6.1.1
- Kubernetes Java Client 18.0.1
- Kubernetes Java Client 19.0.0
- Kubernetes Python Client 29.0.0
- LMAX Disruptor 3.4.2
- Log4j-API 2.22.1
- log4j-core 2.20.0
- log4j-core 2.22.1
- log4j-layout-template-json 2.20.0
- log4j-layout-template-json 2.21.1
- log4j-slf4j-impl 2.20.0
- log4j-web 2.20.0
- Lombok 1.18.28
- matplotlib 3.7.1
- micrometer-registry-prometheus 1.11.0
- micrometer-registry-prometheus 1.11.5
- net-tools 2.0-0.52.20160912git
- NumPy 1.26.0
- OCI SDK for Python 2.121.0
- opentelemetry-api 1.28.0
- opentelemetry-exporter-otlp 1.28.0
- opentelemetry-sdk 1.28.0
- pandas 2.0.2
- Prometheus Python Client 0.17.0
- protobuf-java 3.24.0
- python-mysqldb 2.2.1
- pyyaml 6.0.1
- reactor-core 3.5.11
- requests 2.31.0
- SnakeYAML 2.2
- Spring Cloud Starter Gateway 4.0.6
- Spring Retry 2.0.4

- spring-boot-starter-actuator 3.2.1
- spring-boot-starter-actuator 3.1.10
- spring-boot-starter-cache 3.1.10
- spring-boot-starter-data-jpa 3.2.1
- spring-boot-starter-data-jpa 3.1.10
- spring-boot-starter-jdbc 3.1.10
- spring-boot-starter-log4j2 3.1.10
- spring-boot-starter-test 3.1.10
- spring-boot-starter-undertow 3.2.1
- spring-boot-starter-undertow 3.1.10
- spring-boot-starter-validation 3.2.1
- spring-boot-starter-validation 3.1.10
- spring-boot-starter-web 3.2.1
- spring-boot-starter-web 3.1.10
- spring-boot-starter-webflux 3.1.10
- spring-cloud-kubernetes-fabric8-discovery 3.0.3
- spring-cloud-starter-bootstrap 4.0.3
- spring-cloud-starter-kubernetes-fabric8 3.0.3
- spring-cloud-starter-kubernetes-fabric8-config 3.0.3
- spring-context 6.1.2
- springdoc-openapi-starter-webmvc-ui 2.1.0
- springdoc-openapi-ui 1.6.14
- spring-kafka 3.0.13
- spring-web 6.0.16
- tcpdump 4.9.3-3

## 3.2.13 Oracle Communications Cloud Native Core, Unified Data Repository

### 24.1.0 Components

The following is the list of components for Oracle Communications Cloud Native Core, Unified Data Repository 24.1.0:

- bcpkix-jdk18on 1.76
- bind-utils 9.11.36-8
- bucket4j 7.6.0
- caffeine 3.1.8
- coherence-spring-boot-starter 4.0.0
- Commons Codec 1.16.0
- Commons IO 2.13.0

- Commons Text 1.10.0
- CXF 4.0.3
- dnsjava 3.5.3
- Eclipse Parsson 1.1.5
- Flask 3.0.0
- gnu tar 1.30-9
- GSON 2.10
- Guava 33.0.0
- gunicorn 21.2.0
- HttpComponents Client 5.2.1
- Jackson Core 2.15.3
- Jackson Databind 2.15.3
- jackson-datatype-joda 2.15.3
- jersey-client 3.1.3
- jersey-common 3.1.3
- jersey-hk2 3.1.3
- jersey-media-json-jackson 3.1.3
- Jetty 11.0.17
- Jetty ReactiveStream HttpClient 3.0.9
- Jinja2 3.1.3
- jjwt-api 0.12.3
- jjwt-impl 0.12.3
- jjwt-jackson 0.12.3
- Jose4j 0.9.3
- JSON in Java 20231013
- JSON Schema 1.14.4
- json-schema-validator 1.0.74
- Kubernetes Client Java 6.1.1
- Kubernetes Java Client 18.0.1
- Kubernetes Java Client 19.0.0
- Kubernetes Python Client 29.0.0
- Log4j-API 2.22.1
- log4j-core 2.22.1
- log4j-layout-template-json 2.21.1
- log4j-slf4j-impl 2.20.0
- log4j-web 2.20.0
- Lombok 1.18.28
- micrometer-registry-prometheus 1.11.5

- net-tools 2.0-0.52.20160912git
- NumPy 1.26.0
- okhttp-logging-interceptor 4.11.0
- opentelemetry-api 1.28.0
- opentelemetry-exporter-otlp 1.28.0
- opentelemetry-sdk 1.28.0
- pandas 2.0.2
- Prometheus Python Client 0.17.0
- protobuf-java 3.24.0
- pyyaml 6.0.1
- reactor-core 3.5.11
- reactor-core 3.5.14
- requests 2.31.0
- SnakeYAML 2.2
- Spring Batch 5.0.3
- Spring Cloud Starter Gateway 4.0.6
- Spring Retry 2.0.4
- spring-cloud-kubernetes-fabric8-discovery 3.0.3
- spring-cloud-starter-bootstrap 4.0.3
- spring-cloud-starter-kubernetes-fabric8-all 3.0.4
- spring-cloud-starter-kubernetes-fabric8-loadbalancer 3.0.4
- springdoc-openapi-starter-webmvc-ui 2.1.0
- spring-kafka 3.0.13
- spring-web 6.0.16
- tcpdump 4.9.3-3
- Undertow 2.3.0

## 3.2.14 Oracle Communications Cloud Native Core, Licensing Information

**Table 3-1 Oracle Communications Cloud Native Core, Licensing Information**

| Provider      | Component (s)      | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|---------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Alex Grönholm | APScheduler 3.10.4 | <p>OP LEVEL COMPONENT: APScheduler The MIT License (MIT) Copyright (c) 2009 Alex Grönholm Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions: The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software. THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.</p> <p>===== 4th Party Dependencies ===== separator===== setuptools Copyright Jason R. Coombs License: MIT See License text at top level component. ===== separator===== six Copyright (c) 2010-2020 Benjamin Peterson License: MIT See License text at top level component. ===== separator===== pytz Copyright (c) 2003-2019 Stuart Bishop License: MIT See License text at top level component. ===== separator===== tzlocal Copyright 2011-2017 Lennart Regebro License: MIT See License text at top level component. ===== separator===== pytz-deprecation-shim Copyright (c) 2020, Paul Ganssle (Google) License: Apache 2.0 See License below. ===== separator===== tzdata Copyright (c) 2020, Paul Ganssle (Google) License: Apache 2.0 See License below. ===== separator===== Apache Software License 2.0 Copyright (c) 2020, Paul Ganssle (Google) Licensed under the Apache License, Version 2.0</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>(the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a> Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License. Apache License Version 2.0, January 2004 <a href="http://www.apache.org/licenses/TERMS_AND_CONDITIONS_FOR_USE_REPRODUCTION_AND_DISTRIBUTION">http://www.apache.org/licenses/TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION</a></p> <p>1. Definitions. "License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document. "Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License. "Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity. "You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License. "Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files. "Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types. "Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below). "Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof. "Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution." "Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.</p> <p>2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.</p> <p>3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.</p> <p>4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions: You must give any other recipients of the Work or Derivative Works a copy of this License; and You must cause any modified files to carry prominent notices stating that You changed the files; and You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License. You may add Your own copyright statement to Your modifications and may provide additional</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License. 5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions. 6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file. 7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License. 8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages. 9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability. END OF TERMS AND CONDITIONS</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider               | Component (s)                   | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|------------------------|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Eclipse Foundation     | Eclipse Parsson 1.1.5           | Eclipse Parsson (org.eclipse.parsson:parsson) Copyright (c) 2011, 2023 Oracle and/or its affiliates. All rights reserved. This program and the accompanying materials are made available under the terms of the Eclipse Public License v. 2.0, which i ... ..<br>See <a href="#">Appendix Eclipse Parsson</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| HSQL Development Group | hsqldb 2.7.2                    | HSQL DB License /* Copyright (c) 2001-2021, The HSQL Development Group * All rights reserved. * * Redistribution and use in source and binary forms, with or without * modification, are permitted provided that the following conditions are met: * * Redistributions of source code must retain the above copyright notice, this * list of conditions and the following disclaimer. * * Redistributions in binary form must reproduce the above copyright notice, * this list of conditions and the following disclaimer in the documentation * and/or other materials provided with the distribution. * * Neither the name of the HSQL Development Group nor the names of its * contributors may be used to endorse or promote products derived from this * software without specific prior written permission. * * THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" * AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE * IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE * ARE DISCLAIMED. IN NO EVENT SHALL HSQL DEVELOPMENT GROUP, HSQLDB.ORG, * OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, * EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, * PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; * LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND * ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT * (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS * SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE. */ |
| Eclipse Foundation     | http2-client 11.0.16            | *****<br>***** Copied from BA Public License<br>*****<br>*****<br>***** Copied from LT Public License & Copyright Notices *<br>See <a href="#">ECLIPSE 2.0 License</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Open API Initiative    | jackson-databind-nullable 0.2.6 | License: Apache 2.0<br>-----<br>----- Apache 2.0 -----<br>Apache License Version 2.0, January 2004 http://www.apache.org/licenses/<br>See <a href="#">Appendix E</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider           | Component (s)                      | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|--------------------|------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Eclipse Foundation | Jakarta Activation API (JAF) 2.1.2 | <p>Copyright (c) 2018 Oracle and/or its affiliates. All rights reserved. Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met: - Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer. - Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution. - Neither the name of the Eclipse Foundation, Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission. THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>=====</p> <p>== # Notices for Jakarta Activation This content is produced and maintained by the Jakarta Activation project. * Project home: <a href="https://projects.eclipse.org/projects/ee4j.jaf">https://projects.eclipse.org/projects/ee4j.jaf</a> ## Trademarks Jakarta Activation is a trademark of the Eclipse Foundation. ## Copyright All content is the property of the respective authors or their employers. For more information regarding authorship of content, please consult the listed source code repository logs. ## Declared Project Licenses This program and the accompanying materials are made available under the terms of the Eclipse Public License v. 2.0 which is available at <a href="https://www.eclipse.org/legal/epl-2.0">https://www.eclipse.org/legal/epl-2.0</a>, or the Eclipse Distribution License v1.0 which is available at <a href="https://www.eclipse.org/org/documents/edl-v10.php">https://www.eclipse.org/org/documents/edl-v10.php</a>. This Source Code may also be made available under the following Secondary Licenses when the conditions for such availability set forth in the Eclipse Public License v. 2.0 are satisfied: (secondary) GPL-2.0 with Classpath-exception-2.0 which is available at <a href="https://openjdk.java.net/legal/gplv2+ce.html">https://openjdk.java.net/legal/gplv2+ce.html</a>. SPDX-License-Identifier: EPL-2.0 OR BSD-3-Clause OR GPL-2.0-only with Classpath-exception-2.0 ## Source Code The project maintains the following source code repositories: * <a href="https://github.com/jakartaee/jaf-api">https://github.com/jakartaee/jaf-api</a> * <a href="https://github.com/jakartaee/jaf-tck">https://github.com/jakartaee/jaf-tck</a> ## Third-party Content This project leverages the following third party content. Apache Ant (1.9.6) * License: Apache License, 2.0, W3C License, Public Domain Apache Ant (1.9.6) * License:</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Apache License, 2.0, W3C License, Public Domain Apache commons-lang (3.5) * License: Apache-2.0 font-awesome (4.7.0) * License: OFL-1.1 AND MIT jsoup (1.10.2) * License: MIT JTHarness (5.0) * License: (GPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0) * Project: <a href="https://wiki.openjdk.java.net/display/CodeTools/JT+Harness">https://wiki.openjdk.java.net/display/CodeTools/JT+Harness</a> * Source: <a href="http://hg.openjdk.java.net/code-tools/jtharness/">http://hg.openjdk.java.net/code-tools/jtharness/</a> JUnit (4.12) * License: Eclipse Public License normalize.css (3.0.2) * License: MIT * Project: <a href="http://necolas.github.io/normalize.css/">http://necolas.github.io/normalize.css/</a> * Source: <a href="http://necolas.github.io/normalize.css/">http://necolas.github.io/normalize.css/</a> SigTest (4.0) * License: GPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0 * Project: <a href="https://wiki.openjdk.java.net/display/CodeTools/sigtest">https://wiki.openjdk.java.net/display/CodeTools/sigtest</a> * Source: <a href="http://hg.openjdk.java.net/code-tools/sigtest/file/c57f97e2ac2f">http://hg.openjdk.java.net/code-tools/sigtest/file/c57f97e2ac2f</a></p> <p>## Cryptography Content may contain encryption software. The country in which you are currently may have restrictions on the import, possession, and use, and/or re-export to another country, of encryption software. BEFORE using any encryption software, please check the country's laws, regulations and policies concerning the import, possession, or use, and re-export of encryption software, to see if this is permitted.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider           | Component (s)                    | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|--------------------|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Eclipse Foundation | Jakarta Annotations API 3.0.0-M1 | <p>Jakarta Annotations API<br/>(jakarta.annotation:jakarta.annotation-api) /* * Copyright (c) 2005, 2023 Oracle and/or its affiliates. All rights reserved. * * This program and the accompanying materials are made available under the * terms of the Ecl ... ..<br/>Jakarta Annotations API<br/>(jakarta.annotation:jakarta.annotation-api)</p> <p>/*<br/>* Copyright (c) 2005, 2023 Oracle and/or its affiliates. All rights reserved.<br/>*<br/>* This program and the accompanying materials are made available under the<br/>* terms of the Eclipse Public License v. 2.0, which is available at<br/>* <a href="http://www.eclipse.org/legal/epl-2.0">http://www.eclipse.org/legal/epl-2.0</a>.<br/>*<br/>* This Source Code may also be made available under the following Secondary<br/>* Licenses when the conditions for such availability set forth in the<br/>* Eclipse Public License v. 2.0 are satisfied: GNU General Public License,<br/>* version 2 with the GNU Classpath Exception, which is available at<br/>* <a href="https://www.gnu.org/software/classpath/license.html">https://www.gnu.org/software/classpath/license.html</a>.<br/>*<br/>* SPDX-License-Identifier: EPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0<br/>*/</p> <p>-----<br/>-----</p> <p># Notices for Jakarta Annotations<br/>This content is produced and maintained by the Jakarta Annotations project.<br/>* Project home: <a href="https://projects.eclipse.org/projects/ee4j.ca">https://projects.eclipse.org/projects/ee4j.ca</a></p> <p>## Trademarks<br/>Jakarta Annotations™ is a trademark of the Eclipse Foundation.</p> <p>## Copyright<br/>All content is the property of the respective authors or their employers. For more information regarding authorship of content, please consult the listed source code repository logs.</p> <p>## Declared Project Licenses</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>This program and the accompanying materials are made available under the terms of the Eclipse Public License v. 2.0 which is available at <a href="https://www.eclipse.org/legal/epl-2.0">https://www.eclipse.org/legal/epl-2.0</a>. This Source Code may also be made available under the following Secondary Licenses when the conditions for such availability set forth in the Eclipse Public License v. 2.0 are satisfied:</p> <p>GPL-2.0 with Classpath-exception-2.0 which is available at <a href="https://openjdk.java.net/legal/gplv2+ce.html">https://openjdk.java.net/legal/gplv2+ce.html</a>.</p> <p>SPDX-License-Identifier: EPL-2.0 OR GPL-2.0-only with Classpath-exception-2.0</p> <p>## Source Code</p> <p>The project maintains the following source code repositories:</p> <p>* <a href="https://github.com/jakartaee/common-annotations-api">https://github.com/jakartaee/common-annotations-api</a></p> <p>## Cryptography</p> <p>Content may contain encryption software. The country in which you are currently may have restrictions on the import, possession, and use, and/or re-export to another country, of encryption software. BEFORE using any encryption software, please check the country's laws, regulations and policies concerning the import, possession, or use, and re-export of encryption software, to see if this is permitted.</p> <p>-----</p> <p>See <a href="#">ECLIPSE 2.0 License</a></p> <p>GNU General Public License, Version 2 (GPL v2) - See <a href="#">Appendix A</a></p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider           | Component (s)                                 | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|--------------------|-----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Eclipse Foundation | Jakarta Restful Web Services JAX-RS API 3.1.0 | <p># Notices for Jakarta RESTful Web Services This content is produced and maintained by the <b>**Jakarta RESTful Web Services**</b> project. * Project home: <a href="https://projects.eclipse.org/projects/ee4j.jaxrs">https://projects.eclipse.org/projects/ee4j.jaxrs</a> ## Trademarks <b>**Jakarta RESTful Web Services**</b> ... ..</p> <p># Notices for Jakarta RESTful Web Services</p> <p>This content is produced and maintained by the <b>**Jakarta RESTful Web Services**</b> project.</p> <p>* Project home: <a href="https://projects.eclipse.org/projects/ee4j.jaxrs">https://projects.eclipse.org/projects/ee4j.jaxrs</a></p> <p>## Trademarks</p> <p><b>**Jakarta RESTful Web Services**</b> is a trademark of the Eclipse Foundation.</p> <p>## Copyright</p> <p>All content is the property of the respective authors or their employers. For more information regarding authorship of content, please consult the listed source code repository logs.</p> <p>## Declared Project Licenses</p> <p>This program and the accompanying materials are made available under the terms of the Eclipse Public License v. 2.0 which is available at <a href="http://www.eclipse.org/legal/epl-2.0">http://www.eclipse.org/legal/epl-2.0</a>. This Source Code may also be made available under the following Secondary Licenses when the conditions for such availability set forth in the Eclipse Public License v. 2.0 are satisfied: GNU General Public License, version 2 with the GNU Classpath Exception which is available at <a href="https://www.gnu.org/software/classpath/license.html">https://www.gnu.org/software/classpath/license.html</a>.</p> <p>SPDX-License-Identifier: EPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0</p> <p>## Source Code</p> <p>The project maintains the following source code repositories:</p> <p>* <a href="https://github.com/eclipse-ee4j/jaxrs-api">https://github.com/eclipse-ee4j/jaxrs-api</a></p> <p>## Cryptography</p> <p>Content may contain encryption software. The country in which you are currently may have restrictions on the import, possession, and use, and/or re-export to another country, of encryption software. BEFORE using any encryption software,</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider      | Component (s)            | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|---------------|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|               |                          | <p>please check the country's laws, regulations and policies concerning the import, possession, or use, and re-export of encryption software, to see if this is permitted.</p> <p>---</p> <p>jakarta RESTful Web Services API (JAX-RS)<br/>(jakarta.ws.rs:jakarta.ws.rs-api)</p> <p>Copyright (c) 2011, 2021 Oracle and/or its affiliates. All rights reserved.</p> <p>This program and the accompanying materials are made available under the terms of the Eclipse Public License v. 2.0, which is available at <a href="http://www.eclipse.org/legal/epl-2.0">http://www.eclipse.org/legal/epl-2.0</a>.</p> <p>This Source Code may also be made available under the following Secondary Licenses when the conditions for such availability set forth in the Eclipse Public License v. 2.0 are satisfied: GNU General Public License, version 2 with the GNU Classpath Exception, which is available at <a href="https://www.gnu.org/software/classpath/license.html">https://www.gnu.org/software/classpath/license.html</a>.</p> <p>SPDX-License-Identifier: EPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0</p> <p>-----</p> <p>See <a href="#">ECLIPSE 2.0 License</a><br/>GNU General Public License, Version 2 (GPL v2) - See <a href="#">Appendix A</a></p> |
| Pivotal, Inc. | Jakarta Servlet 6.1.0-M1 | <p># Eclipse Public License - v 2.0 THE ACCOMPANYING PROGRAM IS PROVIDED UNDER THE TERMS OF THIS ECLIPSE PUBLIC LICENSE ("AGREEMENT"). ANY USE, REPRODUCTION OR DISTRIBUTION OF THE PROGRAM CONSTITUTES RECIPIENT'S ACCEPTANCE</p> <p>See <a href="#">ECLIPSE 2.0 License</a><br/>GNU General Public License, Version 2 (GPL v2) - See <a href="#">Appendix A</a></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider           | Component (s)                                                                                                                      | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Eclipse Foundation | Jakarta XML Binding API (JAXB) 4.0.0<br>Jakarta XML Binding API (JAXB) 4.0.2<br>Jakarta XML Web Services (JAX-WS) RI (Metro) 4.0.1 | <p>Copyright (c) 2017, 2018 Oracle and/or its affiliates. All rights reserved. Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met: - Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer. - Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution. - Neither the name of the Eclipse Foundation, Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission. THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>----- Notices for Jakarta XML Binding This content is produced and maintained by the Jakarta XML Binding project. Project home: <a href="https://projects.eclipse.org/projects/ee4j.jaxb">https://projects.eclipse.org/projects/ee4j.jaxb</a> Trademarks Jakarta XML Binding is a trademark of the Eclipse Foundation. Copyright All content is the property of the respective authors or their employers. For more information regarding authorship of content, please consult the listed source code repository logs. Declared Project Licenses This program and the accompanying materials are made available under the terms of the Eclipse Distribution License v. 1.0 which is available at <a href="http://www.eclipse.org/org/documents/edl-v10.php">http://www.eclipse.org/org/documents/edl-v10.php</a>. SPDX-License-Identifier: BSD-3-Clause Source Code The project maintains the following source code repositories: <a href="https://github.com/eclipse-ee4j/jaxb-api">https://github.com/eclipse-ee4j/jaxb-api</a> <a href="https://github.com/eclipse-ee4j/jaxb-tck">https://github.com/eclipse-ee4j/jaxb-tck</a> Third-party Content This project leverages the following third party content. Apache River (3.0.0) License: Apache-2.0 AND BSD-3-Clause ASM 7 (n/a) License: BSD-3-Clause Project: <a href="https://asm.ow2.io/">https://asm.ow2.io/</a> Source: <a href="https://repository.ow2.org/nexus/#nexus-search;gav~org.ow2.asm~asm-commons~kw,versionexpand">https://repository.ow2.org/nexus/#nexus-search;gav~org.ow2.asm~asm-commons~kw,versionexpand</a> JTHarness (5.0) License: (GPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0) Project: <a href="https://wiki.openjdk.java.net/display/CodeTools/JT+Harness">https://wiki.openjdk.java.net/display/CodeTools/JT+Harness</a> Source: <a href="http://hg.openjdk.java.net/code-tools/jtharness/">http://hg.openjdk.java.net/code-tools/jtharness/</a> normalize.css (3.0.2) License: MIT SigTest (n/a)</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>License: GPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0 Cryptography Content may contain encryption software. The country in which you are currently may have restrictions on the import, possession, and use, and/or re-export to another country, of encryption software. BEFORE using any encryption software, please check the country's laws, regulations and policies concerning the import, possession, or use, and re-export of encryption software, to see if this is permitted.</p> <hr/> <p>----- jakarta.activation-api<br/>Eclipse Distribution License - v 1.0 Copyright (c) 2007, Eclipse Foundation, Inc. and its licensors. All rights reserved. Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met: Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution. Neither the name of the Eclipse Foundation, Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission. THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider           | Component (s)            | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|--------------------|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Eclipse Foundation | jakarta.inject-api 2.0.1 | <p>Jakarta Dependency Injection API (@inject)<br/>(jakarta.inject:jakarta.inject-api) Copyright(C) 2009 The JSR-330 Expert Group Copyright 2019 Eclipse Foundation<br/>#####<br/>##### # Notices for Eclipse Jakarta Dependency Injection This content is produced and maintained by the Eclipse Jakarta Dependency Injection project. * Project home: <a href="https://projects.eclipse.org/projects/cdi.batch">https://projects.eclipse.org/projects/cdi.batch</a> ##<br/>Trademarks Jakarta Dependency Injection is a trademark of the Eclipse Foundation. ## Copyright All content is the property of the respective authors or their employers. For more information regarding authorship of content, please consult the listed source code repository logs. ## Declared Project Licenses This program and the accompanying materials are made available under the terms of the Apache License, Version 2.0 which is available at <a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a>. SPDX-License-Identifier: Apache-2.0 ## Source Code The project maintains the following source code repositories: <a href="https://github.com/eclipse-ee4j/injection-api">https://github.com/eclipse-ee4j/injection-api</a><br/>#####<br/>##### License_Url: <a href="https://opensource.org/licenses/Apache-2.0">https://opensource.org/licenses/Apache-2.0</a> ----- Apache 2.0<br/>----- Apache License Version 2.0, January 2004 <a href="http://www.apache.org/licenses/">http://www.apache.org/licenses/</a><br/>See <a href="#">Appendix E</a></p> |
| Eclipse Foundation | jakarta.mail-api 2.1.2   | <p>Copyright: Eclipse Foundation License: EPL 2.0 + GPL v.2 with CPE ./LICENSE.md # Eclipse Public License - v 2.0<br/>THE ACCOMPANYING PROGRAM IS PROVIDED UNDER THE TERMS OF THIS ECLIPSE PUBLIC LICENSE ("AGREEMENT"). ANY USE, REPRODUCTI<br/>See <a href="#">ECLIPSE 2.0 License</a><br/>GNU General Public License, Version 2 (GPL v2) - See <a href="#">Appendix A</a></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider           | Component (s)            | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|--------------------|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Eclipse Foundation | jakarta.xml.ws-api 4.0.0 | <p>jakarta.xml.ws:jakarta.xml.ws-api Notice: [/]: # " Copyright (c) 2018, 2019 Oracle and/or its affiliates. All rights reserved. " [/]: # " " [/]: # " This program and the accompanying materials are made available under the " [/]: # " terms ... ..</p> <p>jakarta.xml.ws:jakarta.xml.ws-api</p> <p>Notice:</p> <p>[/]: # " Copyright (c) 2018, 2019 Oracle and/or its affiliates. All rights reserved. "</p> <p>[/]: # " "</p> <p>[/]: # " This program and the accompanying materials are made available under the "</p> <p>[/]: # " terms of the Eclipse Distribution License v. 1.0, which is available at "</p> <p>[/]: # " <a href="http://www.eclipse.org/org/documents/edl-v10.php">http://www.eclipse.org/org/documents/edl-v10.php</a>. "</p> <p>[/]: # " "</p> <p>[/]: # " SPDX-License-Identifier: BSD-3-Clause "</p> <p># Notices for Jakarta XML Web Services</p> <p>This content is produced and maintained by the Jakarta XML Web Services project.</p> <p>* Project home: <a href="https://projects.eclipse.org/projects/ee4j.jaxws">https://projects.eclipse.org/projects/ee4j.jaxws</a></p> <p>## Trademarks</p> <p>Jakarta XML Web Services is a trademark of the Eclipse Foundation.</p> <p>## Copyright</p> <p>All content is the property of the respective authors or their employers. For more information regarding authorship of content, please consult the listed source code repository logs.</p> <p>## Declared Project Licenses</p> <p>This program and the accompanying materials are made available under the terms of the Eclipse Distribution License v. 1.0 which is available at <a href="http://www.eclipse.org/org/documents/edl-v10.php">http://www.eclipse.org/org/documents/edl-v10.php</a>.</p> <p>SPDX-License-Identifier: BSD-3-Clause</p> <p>## Source Code</p> <p>The project maintains the following source code repositories:</p> <p>* <a href="https://github.com/eclipse-ee4j/jws-api">https://github.com/eclipse-ee4j/jws-api</a></p> <p>* <a href="https://github.com/eclipse-ee4j/jax-ws-api">https://github.com/eclipse-ee4j/jax-ws-api</a></p> <p>* <a href="https://github.com/eclipse-ee4j/saaj-api">https://github.com/eclipse-ee4j/saaj-api</a></p> <p>## Third-party Content</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>This project leverages the following third party content.</p> <p>None</p> <p>## Cryptography</p> <p>Content may contain encryption software. The country in which you are currently may have restrictions on the import, possession, and use, and/or re-export to another country, of encryption software. BEFORE using any encryption software, please check the country's laws, regulations and policies concerning the import, possession, or use, and re-export of encryption software, to see if this is permitted.</p> <p>License:</p> <p>Copyright (c) 2017, 2018 Oracle and/or its affiliates. All rights reserved.</p> <p>Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:</p> <ul style="list-style-type: none"> <li>- Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.</li> <li>- Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.</li> <li>- Neither the name of the Eclipse Foundation, Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.</li> </ul> <p>THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL,</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>=====</p> <p>=====</p> <p>=====</p> <p>Fourth Party</p> <p>=====</p> <p>=====</p> <p>=====</p> <p>jakarta.xml.bind:jakarta.xml.bind-api</p> <p>Notice:</p> <p>[//]: # " Copyright (c) 2018, 2022 Oracle and/or its affiliates. All rights reserved. "</p> <p>[//]: # " "</p> <p>[//]: # " This program and the accompanying materials are made available under the "</p> <p>[//]: # " terms of the Eclipse Distribution License v. 1.0, which is available at "</p> <p>[//]: # " <a href="http://www.eclipse.org/org/documents/edl-v10.php">http://www.eclipse.org/org/documents/edl-v10.php</a>. "</p> <p>[//]: # " "</p> <p>[//]: # " SPDX-License-Identifier: BSD-3-Clause "</p> <p># Notices for Jakarta XML Binding</p> <p>This content is produced and maintained by the Jakarta XML Binding project.</p> <p>* Project home: <a href="https://projects.eclipse.org/projects/ee4j.jaxb">https://projects.eclipse.org/projects/ee4j.jaxb</a></p> <p>## Trademarks</p> <p>Jakarta XML Binding is a trademark of the Eclipse Foundation.</p> <p>## Copyright</p> <p>All content is the property of the respective authors or their employers. For more information regarding authorship of content, please consult the listed source code repository logs.</p> <p>## Declared Project Licenses</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>This program and the accompanying materials are made available under the terms of the Eclipse Distribution License v. 1.0 which is available at <a href="http://www.eclipse.org/org/documents/edl-v10.php">http://www.eclipse.org/org/documents/edl-v10.php</a>.</p> <p>SPDX-License-Identifier: BSD-3-Clause</p> <p>## Source Code</p> <p>The project maintains the following source code repositories:</p> <ul style="list-style-type: none"> <li>* <a href="https://github.com/eclipse-ee4j/jaxb-api">https://github.com/eclipse-ee4j/jaxb-api</a></li> <li>* <a href="https://github.com/eclipse-ee4j/jaxb-tck">https://github.com/eclipse-ee4j/jaxb-tck</a></li> </ul> <p>## Third-party Content</p> <p>This project leverages the following third party content.</p> <p>Apache River (3.0.0)</p> <ul style="list-style-type: none"> <li>* License: Apache-2.0 AND BSD-3-Clause</li> </ul> <p>ASM 7 (n/a)</p> <ul style="list-style-type: none"> <li>* License: BSD-3-Clause</li> <li>* Project: <a href="https://asm.ow2.io/">https://asm.ow2.io/</a></li> <li>* Source: <a href="https://repository.ow2.org/nexus/#nexus-search;gav~org.ow2.asm~asm-commons~~~~kw,versionexpand">https://repository.ow2.org/nexus/#nexus-search;gav~org.ow2.asm~asm-commons~~~~kw,versionexpand</a></li> </ul> <p>JTHarness (5.0)</p> <ul style="list-style-type: none"> <li>* License: (GPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0)</li> <li>* Project: <a href="https://wiki.openjdk.java.net/display/CodeTools/JT+Harness">https://wiki.openjdk.java.net/display/CodeTools/JT+Harness</a></li> <li>* Source: <a href="http://hg.openjdk.java.net/code-tools/jtharness/normalize.css">http://hg.openjdk.java.net/code-tools/jtharness/normalize.css</a> (3.0.2)</li> <li>* License: MIT</li> </ul> <p>SigTest (n/a)</p> <ul style="list-style-type: none"> <li>* License: GPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0</li> </ul> <p>## Cryptography</p> <p>Content may contain encryption software. The country in which you are currently may have restrictions on the import, possession, and use, and/or re-export to another country, of encryption software. BEFORE using any encryption software, please check the country's laws, regulations and policies concerning the import, possession, or use, and re-export of encryption software, to see if this is permitted.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>License:</p> <p>Copyright (c) 2017, 2018 Oracle and/or its affiliates. All rights reserved.</p> <p>Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:</p> <ul style="list-style-type: none"> <li>- Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.</li> <li>- Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.</li> <li>- Neither the name of the Eclipse Foundation, Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.</li> </ul> <p>THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>=====</p> <p>=====</p> <p>=====</p> <p>jakarta.activation:jakarta.activation-api</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Notice:</p> <p># Notices for Jakarta Activation</p> <p>This content is produced and maintained by Jakarta Activation project.</p> <p>* Project home: <a href="https://projects.eclipse.org/projects/ee4j.jaf">https://projects.eclipse.org/projects/ee4j.jaf</a></p> <p>## Copyright</p> <p>All content is the property of the respective authors or their employers. For more information regarding authorship of content, please consult the listed source code repository logs.</p> <p>## Declared Project Licenses</p> <p>This program and the accompanying materials are made available under the terms of the Eclipse Distribution License v. 1.0, which is available at <a href="http://www.eclipse.org/org/documents/edl-v10.php">http://www.eclipse.org/org/documents/edl-v10.php</a>.</p> <p>SPDX-License-Identifier: BSD-3-Clause</p> <p>## Source Code</p> <p>The project maintains the following source code repositories:</p> <p>* <a href="https://github.com/eclipse-ee4j/jaf">https://github.com/eclipse-ee4j/jaf</a></p> <p>## Third-party Content</p> <p>This project leverages the following third party content.</p> <p>JUnit (4.12)</p> <p>* License: Eclipse Public License</p> <p>License:</p> <p>Copyright (c) 2018 Oracle and/or its affiliates. All rights reserved.</p> <p>Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:</p> <ul style="list-style-type: none"> <li>- Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.</li> <li>- Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.</li> </ul> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>- Neither the name of the Eclipse Foundation, Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.</p> <p>THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>License:</p> <p>License References[0]</p> <p>=====</p> <p>=====</p> <p>=====</p> <p>jakarta.xml.soap:jakarta.xml.soap-api</p> <p>Notice:</p> <p>[//]: # " Copyright (c) 2018, 2019 Oracle and/or its affiliates. All rights reserved. "</p> <p>[//]: # " "</p> <p>[//]: # " This program and the accompanying materials are made available under the "</p> <p>[//]: # " terms of the Eclipse Distribution License v. 1.0, which is available at "</p> <p>[//]: # " <a href="http://www.eclipse.org/org/documents/edl-v10.php">http://www.eclipse.org/org/documents/edl-v10.php</a>. "</p> <p>[//]: # " "</p> <p>[//]: # " SPDX-License-Identifier: BSD-3-Clause "</p> <p># Notices for Jakarta SOAP with Attachments</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>This content is produced and maintained by the Jakarta XML Web Services project.</p> <p>* Project home: <a href="https://projects.eclipse.org/projects/ee4j.jaxws">https://projects.eclipse.org/projects/ee4j.jaxws</a></p> <p>## Trademarks</p> <p>Jakarta XML Web Services is a trademark of the Eclipse Foundation.</p> <p>## Copyright</p> <p>All content is the property of the respective authors or their employers. For more information regarding authorship of content, please consult the listed source code repository logs.</p> <p>## Declared Project Licenses</p> <p>This program and the accompanying materials are made available under the terms of the Eclipse Distribution License v. 1.0 which is available at <a href="http://www.eclipse.org/org/documents/edl-v10.php">http://www.eclipse.org/org/documents/edl-v10.php</a>.</p> <p>SPDX-License-Identifier: BSD-3-Clause</p> <p>## Source Code</p> <p>The project maintains the following source code repositories:</p> <ul style="list-style-type: none"> <li>* <a href="https://github.com/eclipse-ee4j/jws-api">https://github.com/eclipse-ee4j/jws-api</a></li> <li>* <a href="https://github.com/eclipse-ee4j/jax-ws-api">https://github.com/eclipse-ee4j/jax-ws-api</a></li> <li>* <a href="https://github.com/eclipse-ee4j/saaj-api">https://github.com/eclipse-ee4j/saaj-api</a></li> </ul> <p>## Third-party Content</p> <p>This project leverages the following third party content.</p> <p>None</p> <p>## Cryptography</p> <p>Content may contain encryption software. The country in which you are currently may have restrictions on the import, possession, and use, and/or re-export to another country, of encryption software. BEFORE using any encryption software, please check the country's laws, regulations and policies concerning the import, possession, or use, and re-export of encryption software, to see if this is permitted.</p> <p>License:</p> <p>Copyright (c) 2017 Oracle and/or its affiliates. All rights reserved.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:</p> <ul style="list-style-type: none"> <li>- Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.</li> <li>- Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.</li> <li>- Neither the name of the Eclipse Foundation, Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.</li> </ul> <p>THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>=====</p> <p>=====</p> <p>=====</p> <p>=====</p> <p>License References[0] start</p> <p>=====</p> <p>=====</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p># Eclipse Public License - v 2.0</p> <p>THE ACCOMPANYING PROGRAM IS PROVIDED UNDER THE TERMS OF THIS ECLIPSE PUBLIC LICENSE ("AGREEMENT"). ANY USE, REPRODUCTION OR DISTRIBUTION OF THE PROGRAM CONSTITUTES RECIPIENT'S ACCEPTANCE OF THIS AGREEMENT.</p> <p>1. DEFINITIONS</p> <p>"Contribution" means:</p> <p>a) in the case of the initial Contributor, the initial content Distributed under this Agreement, and</p> <p>b) in the case of each subsequent Contributor:</p> <p>i) changes to the Program, and</p> <p>ii) additions to the Program;</p> <p>where such changes and/or additions to the Program originate from</p> <p>and are Distributed by that particular Contributor. A Contribution</p> <p>"originates" from a Contributor if it was added to the Program by</p> <p>such Contributor itself or anyone acting on such Contributor's behalf.</p> <p>Contributions do not include changes or additions to the Program that</p> <p>are not Modified Works.</p> <p>"Contributor" means any person or entity that Distributes the Program.</p> <p>"Licensed Patents" mean patent claims licensable by a Contributor which</p> <p>are necessarily infringed by the use or sale of its Contribution alone</p> <p>or when combined with the Program.</p> <p>"Program" means the Contributions Distributed in accordance with this Agreement.</p> <p>"Recipient" means anyone who receives the Program under this Agreement</p> <p>or any Secondary License (as applicable), including Contributors.</p> <p>"Derivative Works" shall mean any work, whether in Source Code or other</p> <p>form, that is based on (or derived from) the Program and for which the</p> <p>editorial revisions, annotations, elaborations, or other modifications</p> <p>represent, as a whole, an original work of authorship.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>"Modified Works" shall mean any work in Source Code or other form that results from an addition to, deletion from, or modification of the contents of the Program, including, for purposes of clarity any new file in Source Code form that contains any contents of the Program. Modified Works shall not include works that contain only declarations, interfaces, types, classes, structures, or files of the Program solely in each case in order to link to, bind by name, or subclass the Program or Modified Works thereof.</p> <p>"Distribute" means the acts of a) distributing or b) making available in any manner that enables the transfer of a copy.</p> <p>"Source Code" means the form of a Program preferred for making modifications, including but not limited to software source code, documentation source, and configuration files.</p> <p>"Secondary License" means either the GNU General Public License, Version 2.0, or any later versions of that license, including any exceptions or additional permissions as identified by the initial Contributor.</p> <p><b>2. GRANT OF RIGHTS</b></p> <p>a) Subject to the terms of this Agreement, each Contributor hereby grants Recipient a non-exclusive, worldwide, royalty-free copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, Distribute and sublicense the Contribution of such Contributor, if any, and such Derivative Works.</p> <p>b) Subject to the terms of this Agreement, each Contributor hereby grants Recipient a non-exclusive, worldwide, royalty-free patent license under Licensed Patents to make, use, sell, offer to sell, import and otherwise transfer the Contribution of such Contributor,</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>if any, in Source Code or other form. This patent license shall apply to the combination of the Contribution and the Program if, at the time the Contribution is added by the Contributor, such addition of the Contribution causes such combination to be covered by the Licensed Patents. The patent license shall not apply to any other combinations which include the Contribution. No hardware per se is licensed hereunder.</p> <p>c) Recipient understands that although each Contributor grants the licenses to its Contributions set forth herein, no assurances are provided by any Contributor that the Program does not infringe the patent or other intellectual property rights of any other entity. Each Contributor disclaims any liability to Recipient for claims brought by any other entity based on infringement of intellectual property rights or otherwise. As a condition to exercising the rights and licenses granted hereunder, each Recipient hereby assumes sole responsibility to secure any other intellectual property rights needed, if any. For example, if a third party patent license is required to allow Recipient to Distribute the Program, it is Recipient's responsibility to acquire that license before distributing the Program.</p> <p>d) Each Contributor represents that to its knowledge it has sufficient copyright rights in its Contribution, if any, to grant the copyright license set forth in this Agreement.</p> <p>e) Notwithstanding the terms of any Secondary License, no Contributor makes additional grants to any Recipient (other than those set forth in this Agreement) as a result of such Recipient's receipt of the Program under the terms of a Secondary License (if permitted under the terms of Section 3).</p> <p><b>3. REQUIREMENTS</b></p> <p><b>3.1</b> If a Contributor Distributes the Program in any form, then:</p> <p>a) the Program must also be made available as Source Code, in</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>accordance with section 3.2, and the Contributor must accompany the Program with a statement that the Source Code for the Program is available under this Agreement, and informs Recipients how to obtain it in a reasonable manner on or through a medium customarily used for software exchange; and</p> <p>b) the Contributor may Distribute the Program under a license different than this Agreement, provided that such license:</p> <p>i) effectively disclaims on behalf of all other Contributors all warranties and conditions, express and implied, including warranties or conditions of title and non-infringement, and implied warranties or conditions of merchantability and fitness for a particular purpose;</p> <p>ii) effectively excludes on behalf of all other Contributors all liability for damages, including direct, indirect, special, incidental and consequential damages, such as lost profits;</p> <p>iii) does not attempt to limit or alter the recipients' rights in the Source Code under section 3.2; and</p> <p>iv) requires any subsequent distribution of the Program by any party to be under a license that satisfies the requirements of this section 3.</p> <p>3.2 When the Program is Distributed as Source Code:</p> <p>a) it must be made available under this Agreement, or if the Program (i) is combined with other material in a separate file or files made available under a Secondary License, and (ii) the initial Contributor attached to the Source Code the notice described in Exhibit A of this Agreement, then the Program may be made available under the terms of such Secondary Licenses, and</p> <p>b) a copy of this Agreement must be included with each copy of the Program.</p> <p>3.3 Contributors may not remove or alter any copyright, patent, trademark, attribution notices, disclaimers of warranty, or limitations</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>of liability ("notices") contained within the Program from any copy of the Program which they Distribute, provided that Contributors may add their own appropriate notices.</p> <p>4. COMMERCIAL DISTRIBUTION</p> <p>Commercial distributors of software may accept certain responsibilities with respect to end users, business partners and the like. While this license is intended to facilitate the commercial use of the Program, the Contributor who includes the Program in a commercial product offering should do so in a manner which does not create potential liability for other Contributors. Therefore, if a Contributor includes the Program in a commercial product offering, such Contributor ("Commercial Contributor") hereby agrees to defend and indemnify every other Contributor ("Indemnified Contributor") against any losses, damages and costs (collectively "Losses") arising from claims, lawsuits and other legal actions brought by a third party against the Indemnified Contributor to the extent caused by the acts or omissions of such Commercial Contributor in connection with its distribution of the Program in a commercial product offering. The obligations in this section do not apply to any claims or Losses relating to any actual or alleged intellectual property infringement. In order to qualify, an Indemnified Contributor must: a) promptly notify the Commercial Contributor in writing of such claim, and b) allow the Commercial Contributor to control, and cooperate with the Commercial Contributor in, the defense and any related settlement negotiations. The Indemnified Contributor may participate in any such claim at its own expense.</p> <p>For example, a Contributor might include the Program in a commercial</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>product offering, Product X. That Contributor is then a Commercial Contributor. If that Commercial Contributor then makes performance claims, or offers warranties related to Product X, those performance claims and warranties are such Commercial Contributor's responsibility alone. Under this section, the Commercial Contributor would have to defend claims against the other Contributors related to those performance claims and warranties, and if a court requires any other Contributor to pay any damages as a result, the Commercial Contributor must pay those damages.</p> <p>5. NO WARRANTY</p> <p>EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, AND TO THE EXTENT PERMITTED BY APPLICABLE LAW, THE PROGRAM IS PROVIDED ON AN "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, EITHER EXPRESS OR IMPLIED INCLUDING, WITHOUT LIMITATION, ANY WARRANTIES OR CONDITIONS OF TITLE, NON-INFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Each Recipient is solely responsible for determining the appropriateness of using and distributing the Program and assumes all risks associated with its exercise of rights under this Agreement, including but not limited to the risks and costs of program errors, compliance with applicable laws, damage to or loss of data, programs or equipment, and unavailability or interruption of operations.</p> <p>6. DISCLAIMER OF LIABILITY</p> <p>EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, AND TO THE EXTENT PERMITTED BY APPLICABLE LAW, NEITHER RECIPIENT NOR ANY CONTRIBUTORS SHALL HAVE ANY LIABILITY FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING WITHOUT LIMITATION LOST</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>PROFITS), HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OR DISTRIBUTION OF THE PROGRAM OR THE EXERCISE OF ANY RIGHTS GRANTED HEREUNDER, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.</p> <p>7. GENERAL</p> <p>If any provision of this Agreement is invalid or unenforceable under applicable law, it shall not affect the validity or enforceability of the remainder of the terms of this Agreement, and without further action by the parties hereto, such provision shall be reformed to the minimum extent necessary to make such provision valid and enforceable.</p> <p>If Recipient institutes patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Program itself (excluding combinations of the Program with other software or hardware) infringes such Recipient's patent(s), then such Recipient's rights granted under Section 2(b) shall terminate as of the date such litigation is filed.</p> <p>All Recipient's rights under this Agreement shall terminate if it fails to comply with any of the material terms or conditions of this Agreement and does not cure such failure in a reasonable period of time after becoming aware of such noncompliance. If all Recipient's rights under this Agreement terminate, Recipient agrees to cease use and distribution of the Program as soon as reasonably practicable. However, Recipient's obligations under this Agreement and any licenses granted by Recipient relating to the Program shall continue and survive.</p> <p>Everyone is permitted to copy and distribute copies of this Agreement,</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>but in order to avoid inconsistency the Agreement is copyrighted and<br/>may only be modified in the following manner. The Agreement Steward<br/>reserves the right to publish new versions (including revisions) of<br/>this Agreement from time to time. No one other than the Agreement<br/>Steward has the right to modify this Agreement. The Eclipse Foundation<br/>is the initial Agreement Steward. The Eclipse Foundation may assign the<br/>responsibility to serve as the Agreement Steward to a suitable separate<br/>entity. Each new version of the Agreement will be given a distinguishing<br/>version number. The Program (including Contributions) may always be<br/>Distributed subject to the version of the Agreement under which it was<br/>received. In addition, after a new version of the Agreement is published,<br/>Contributor may elect to Distribute the Program (including its Contributions) under the new version.<br/>Except as expressly stated in Sections 2(a) and 2(b) above, Recipient<br/>receives no rights or licenses to the intellectual property of any<br/>Contributor under this Agreement, whether expressly, by implication,<br/>estoppel or otherwise. All rights in the Program not expressly granted<br/>under this Agreement are reserved. Nothing in this Agreement is intended<br/>to be enforceable by any entity that is not a Contributor or Recipient.<br/>No third-party beneficiary rights are created under this Agreement.<br/>Exhibit A - Form of Secondary Licenses Notice<br/>"This Source Code may also be made available under the following<br/>Secondary Licenses when the conditions for such availability set forth<br/>in the Eclipse Public License, v. 2.0 are satisfied: {name license(s),<br/>version(s), and exceptions or additional permissions here}."<br/>Simply including a copy of this Agreement, including this Exhibit A</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>is not sufficient to license the Source Code under Secondary Licenses.</p> <p>If it is not possible or desirable to put the notice in a particular file, then You may include the notice in a location (such as a LICENSE file in a relevant directory) where a recipient would be likely to look for such a notice.</p> <p>You may add additional accurate notices of copyright ownership.</p> <p>---</p> <p>## The GNU General Public License (GPL) Version 2, June 1991</p> <p>Copyright (C) 1989, 1991 Free Software Foundation, Inc.<br/>51 Franklin Street, Fifth Floor<br/>Boston, MA 02110-1335<br/>USA</p> <p>Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.</p> <p>Preamble</p> <p>The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Library General Public License instead.) You can apply it to your programs, too.</p> <p>When we speak of free software, we are referring to freedom, not price.</p> <p>Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>free programs; and that you know you can do these things.</p> <p>To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.</p> <p>For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.</p> <p>We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.</p> <p>Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.</p> <p>Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.</p> <p>The precise terms and conditions for copying, distribution and modification follow.</p> <p>TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION</p> <p>0. This License applies to any program or other work which contains a</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".</p> <p>Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.</p> <p>1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.</p> <p>You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.</p> <p>2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.</p> <p>b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.</p> <p>c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License.</p> <p>(Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)</p> <p>These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.</p> <p>Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>collective works based on the Program.</p> <p>In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.</p> <p>3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:</p> <p>a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,</p> <p>b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,</p> <p>c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)</p> <p>The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.</p> <p>If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.</p> <p>4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.</p> <p>5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.</p> <p>6. Each time you redistribute the Program (or any work based on the</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.</p> <p>7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.</p> <p>If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.</p> <p>It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.</p> <p>This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.</p> <p>8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.</p> <p>9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns. Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.</p> <p>10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Free Software Foundation, write to the Free Software Foundation; we</p> <p>sometimes make exceptions for this. Our decision will be guided by the</p> <p>two goals of preserving the free status of all derivatives of our free</p> <p>software and of promoting the sharing and reuse of software generally.</p> <p>NO WARRANTY</p> <p>11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO</p> <p>WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW.</p> <p>EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR</p> <p>OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND,</p> <p>EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED</p> <p>WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE</p> <p>ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH</p> <p>YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL</p> <p>NECESSARY SERVICING, REPAIR OR CORRECTION.</p> <p>12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN</p> <p>WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY</p> <p>AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR</p> <p>DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL</p> <p>DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM</p> <p>(INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED</p> <p>INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF</p> <p>THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR</p> <p>OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.</p> <p>END OF TERMS AND CONDITIONS</p> <p>How to Apply These Terms to Your New Programs</p> <p>If you develop a new program, and you want it to be of the greatest</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>possible use to the public, the best way to achieve this is to make it</p> <p>free software which everyone can redistribute and change under these terms.</p> <p>To do so, attach the following notices to the program. It is safest to</p> <p>attach them to the start of each source file to most effectively convey</p> <p>the exclusion of warranty; and each file should have at least the</p> <p>"copyright" line and a pointer to where the full notice is found.</p> <p>One line to give the program's name and a brief idea of what it does.</p> <p>Copyright (C) &lt;year&gt; &lt;name of author&gt;</p> <p>This program is free software; you can redistribute it and/or modify</p> <p>it under the terms of the GNU General Public License as published by</p> <p>the Free Software Foundation; either version 2 of the License, or</p> <p>(at your option) any later version.</p> <p>This program is distributed in the hope that it will be useful, but</p> <p>WITHOUT ANY WARRANTY; without even the implied warranty of</p> <p>MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU</p> <p>General Public License for more details.</p> <p>You should have received a copy of the GNU General Public License</p> <p>along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1335 USA</p> <p>Also add information on how to contact you by electronic and paper mail.</p> <p>If the program is interactive, make it output a short notice like this</p> <p>when it starts in an interactive mode:</p> <p>Gnomovision version 69, Copyright (C) year name of author</p> <p>Gnomovision comes with ABSOLUTELY NO WARRANTY;</p> <p>for details type</p> <p>`show w'. This is free software, and you are welcome to redistribute</p> <p>it under certain conditions; type `show c' for details.</p> <p>The hypothetical commands `show w' and `show c' should show the</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>appropriate parts of the General Public License. Of course, the commands</p> <p>you use may be called something other than `show w' and `show c'; they</p> <p>could even be mouse-clicks or menu items--whatever suits your program.</p> <p>You should also get your employer (if you work as a programmer) or your</p> <p>school, if any, to sign a "copyright disclaimer" for the program, if</p> <p>necessary. Here is a sample; alter the names:</p> <p>Yoyodyne, Inc., hereby disclaims all copyright interest in the program `Gnomovision' (which makes passes at compilers) written by</p> <p>James Hacker.</p> <p>signature of Ty Coon, 1 April 1989</p> <p>Ty Coon, President of Vice</p> <p>This General Public License does not permit incorporating your program</p> <p>into proprietary programs. If your program is a subroutine library, you</p> <p>may consider it more useful to permit linking proprietary applications</p> <p>with the library. If this is what you want to do, use the GNU Library</p> <p>General Public License instead of this License.</p> <p>---</p> <p>## CLASSPATH EXCEPTION</p> <p>Linking this library statically or dynamically with other modules is</p> <p>making a combined work based on this library. Thus, the terms and</p> <p>conditions of the GNU General Public License version 2 cover the whole</p> <p>combination.</p> <p>As a special exception, the copyright holders of this library give you</p> <p>permission to link this library with independent modules to produce an</p> <p>executable, regardless of the license terms of these independent</p> <p>modules, and to copy and distribute the resulting executable under</p> <p>terms of your choice, provided that you also meet, for each linked</p> <p>independent module, the terms and conditions of the license of that</p> |

Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                  |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>module. An independent module is a module which is not derived from or based on this library. If you modify this library, you may extend this exception to your version of the library, but you are not obligated to do so. If you do not wish to do so, delete this exception statement from your version.</p> <p>=====</p> <p>License References[0] end =====</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s)   | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Oracle   | jaxb-core 4.0.2 | <p>TOP-LEVEL COPYRIGHT NOTICE # Notices for Eclipse Implementation of JAXB This content is produced and maintained by the Eclipse Implementation of JAXB project. * Project home: <a href="https://projects.eclipse.org/projects/ee4j.jaxb-impl">https://projects.eclipse.org/projects/ee4j.jaxb-impl</a> ## Trademarks Eclipse Implementation of JAXB is a trademark of the Eclipse Foundation. ## Copyright All content is the property of the respective authors or their employers. For more information regarding authorship of content, please consult the listed source code repository logs. ## Declared Project Licenses This program and the accompanying materials are made available under the terms of the Eclipse Distribution License v. 1.0 which is available at <a href="http://www.eclipse.org/org/documents/edl-v10.php">http://www.eclipse.org/org/documents/edl-v10.php</a>. SPDX-License-Identifier: BSD-3-Clause ## Source Code The project maintains the following source code repositories: * <a href="https://github.com/eclipse-ee4j/jaxb-ri">https://github.com/eclipse-ee4j/jaxb-ri</a> * <a href="https://github.com/eclipse-ee4j/jaxb-istack-commons">https://github.com/eclipse-ee4j/jaxb-istack-commons</a> * <a href="https://github.com/eclipse-ee4j/jaxb-dtd-parser">https://github.com/eclipse-ee4j/jaxb-dtd-parser</a> * <a href="https://github.com/eclipse-ee4j/jaxb-fi">https://github.com/eclipse-ee4j/jaxb-fi</a> * <a href="https://github.com/eclipse-ee4j/jaxb-stax-ex">https://github.com/eclipse-ee4j/jaxb-stax-ex</a> * <a href="https://github.com/eclipse-ee4j/jax-rpc-ri">https://github.com/eclipse-ee4j/jax-rpc-ri</a> ## Third-party Content This project leverages the following third party content.</p> <p>Apache Ant (1.10.2) * License: Apache-2.0 AND W3C AND LicenseRef-Public-Domain Apache Ant (1.10.2) * License: Apache-2.0 AND W3C AND LicenseRef-Public-Domain Apache Felix (1.2.0) * License: Apache License, 2.0 args4j (2.33) * License: MIT License dom4j (1.6.1) * License: Custom license based on Apache 1.1 file-management (3.0.0) * License: Apache-2.0 * Project: <a href="https://maven.apache.org/shared/file-management/">https://maven.apache.org/shared/file-management/</a> * Source: <a href="https://svn.apache.org/viewvc/maven/shared/tags/file-management-3.0.0/">https://svn.apache.org/viewvc/maven/shared/tags/file-management-3.0.0/</a> JUnit (4.12) * License: Eclipse Public License JUnit (4.12) * License: Eclipse Public License maven-compat (3.5.2) * License: Apache-2.0 * Project: <a href="https://maven.apache.org/ref/3.5.2/maven-compat/">https://maven.apache.org/ref/3.5.2/maven-compat/</a> * Source: <a href="https://mvnrepository.com/artifact/org.apache.maven/maven-compat/3.5.2">https://mvnrepository.com/artifact/org.apache.maven/maven-compat/3.5.2</a> maven-core (3.5.2) * License: Apache-2.0 * Project: <a href="https://maven.apache.org/ref/3.5.2/maven-core/index.html">https://maven.apache.org/ref/3.5.2/maven-core/index.html</a> * Source: <a href="https://mvnrepository.com/artifact/org.apache.maven/maven-core/3.5.2">https://mvnrepository.com/artifact/org.apache.maven/maven-core/3.5.2</a> maven-plugin-annotations (3.5) * License: Apache-2.0 * Project: <a href="https://maven.apache.org/plugin-tools/maven-plugin-annotations/">https://maven.apache.org/plugin-tools/maven-plugin-annotations/</a> * Source: <a href="https://github.com/apache/maven-plugin-tools/tree/master/maven-plugin-annotations">https://github.com/apache/maven-plugin-tools/tree/master/maven-plugin-annotations</a> maven-plugin-api (3.5.2) * License: Apache-2.0 maven-resolver-api (1.1.1) * License: Apache-2.0 maven-resolver-api (1.1.1) * License: Apache-2.0 maven-resolver-connector-basic (1.1.1) * License: Apache-2.0 maven-resolver-impl (1.1.1) * License: Apache-2.0 maven-resolver-spi (1.1.1) * License: Apache-2.0 maven-resolver-transport-file (1.1.1) * License: Apache-2.0 * Project: <a href="https://maven.apache.org/resolver/maven-resolver-transport-file/">https://maven.apache.org/resolver/maven-resolver-transport-file/</a> * Source: <a href="https://github.com/apache/maven-resolver/tree/master/maven-resolver-transport-file">https://github.com/apache/maven-resolver/tree/master/maven-resolver-transport-file</a> maven-resolver-util (1.1.1) * License: Apache-2.0 maven-settings (3.5.2) * License: Apache-2.0 * Source: <a href="https://mvnrepository.com/artifact/org.apache.maven/maven-settings/3.5.2">https://mvnrepository.com/artifact/org.apache.maven/maven-settings/3.5.2</a> OSGi Service Platform Core Companion Code (6.0) * License: Apache</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>License, 2.0 plexus-archiver (3.5) * License: Apache-2.0 * Project: <a href="https://codehaus-plexus.github.io/plexus-archiver/">https://codehaus-plexus.github.io/plexus-archiver/</a> * Source: <a href="https://github.com/codehaus-plexus/plexus-archiver">https://github.com/codehaus-plexus/plexus-archiver</a> plexus-io (3.0.0) * License: Apache-2.0 plexus-utils (3.1.0) * License: Apache- 2.0 or Apache- 1.1 or BSD or Public Domain or Indiana University Extreme! Lab Software License V1.1.1 (Apache 1.1 style) relaxng-datatype (1.0) * License: New BSD license Sax (0.2) * License: SAX-PD * Project: <a href="http://www.megginson.com/downloads/SAX/">http://www.megginson.com/downloads/SAX/</a> * Source: <a href="http://sourceforge.net/project/showfiles.php?group_id=29449">http://sourceforge.net/project/showfiles.php?group_id=29449</a> testng (6.14.2) * License: Apache-2.0 AND (MIT OR GPL-1.0+) * Project: <a href="https://testng.org/doc/index.html">https://testng.org/doc/index.html</a> * Source: <a href="https://github.com/cbeust/testng">https://github.com/cbeust/testng</a> wagon-http-lightweight (3.0.0) * License: Pending * Project: <a href="https://maven.apache.org/wagon/">https://maven.apache.org/wagon/</a> * Source: <a href="https://mvnrepository.com/artifact/org.apache.maven.wagon/wagon-http-lightweight/3.0.0">https://mvnrepository.com/artifact/org.apache.maven.wagon/wagon-http-lightweight/3.0.0</a> xz for java (1.8) * License: LicenseRef-Public-Domain ## Cryptography Content may contain encryption software. The country in which you are currently may have restrictions on the import, possession, and use, and/or re-export to another country, of encryption software. BEFORE using any encryption software, please check the country's laws, regulations and policies concerning the import, possession, or use, and re-export of encryption software, to see if this is permitted. -----separator----- TOP-LEVEL LICENSE TEXT Copyright (c) 2018 Oracle and/or its affiliates. All rights reserved. Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met: - Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer. - Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution. - Neither the name of the Eclipse Foundation, Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission. THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE. -----separator----- FOURTH-PARTY DEPENDENCY #1 NAME: jakarta.xml.bind-api FOURTH-</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>PARTY DEPENDENCY #1 COPYRIGHT NOTICES: Copyright (c) 2017, 2018 Oracle and/or its affiliates. All rights reserved. FOURTH-PARTY DEPENDENCY #1 LICENSE: BSD 3-Clause Copyright (c) 2017, 2018 Oracle and/or its affiliates. All rights reserved. Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met: - Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer. - Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution. - Neither the name of the Eclipse Foundation, Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission. THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE. -----separator-----</p> <p>FOURTH-PARTY DEPENDENCY #2 NAME: istack-commons-runtime FOURTH-PARTY DEPENDENCY #2 COPYRIGHT NOTICES: Same as top level Notice FOURTH-PARTY DEPENDENCY #2 LICENSE: BSD 3-Clause (same as dependency #1) -----separator-----</p> <p>FOURTH-PARTY DEPENDENCY #3 NAME: txw2 FOURTH-PARTY DEPENDENCY #3 COPYRIGHT NOTICES: Same as top level Notice FOURTH-PARTY DEPENDENCY #3 LICENSE: BSD 3-Clause (same as dependency #1) -----separator-----</p> <p>FOURTH-PARTY DEPENDENCY #4 NAME: jakarta.activation-api FOURTH-PARTY DEPENDENCY #4 COPYRIGHT NOTICES: # Notices for Jakarta Activation This content is produced and maintained by the Jakarta Activation project. * Project home: <a href="https://projects.eclipse.org/projects/ee4j.jaf">https://projects.eclipse.org/projects/ee4j.jaf</a> ## Trademarks Jakarta Activation is a trademark of the Eclipse Foundation. ## Copyright All content is the property of the respective authors or their employers. For more information regarding authorship of content, please consult the listed source code repository logs. ## Declared Project Licenses This program and the accompanying materials are made available under the terms of the Eclipse Public License v. 2.0 which is available at <a href="https://www.eclipse.org/legal/epl-2.0">https://www.eclipse.org/legal/epl-2.0</a>, or the</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Eclipse Distribution License v1.0 which is available at <a href="https://www.eclipse.org/org/documents/edl-v10.php">https://www.eclipse.org/org/documents/edl-v10.php</a>. This Source Code may also be made available under the following Secondary Licenses when the conditions for such availability set forth in the Eclipse Public License v. 2.0 are satisfied: (secondary) GPL-2.0 with Classpath-exception-2.0 which is available at <a href="https://openjdk.java.net/legal/gplv2+ce.html">https://openjdk.java.net/legal/gplv2+ce.html</a>.<br/> SPDX-License-Identifier: EPL-2.0 OR BSD-3-Clause OR GPL-2.0-only with Classpath-exception-2.0 ## Source Code<br/> The project maintains the following source code repositories:<br/> * <a href="https://github.com/jakartaee/jaf-api">https://github.com/jakartaee/jaf-api</a> * <a href="https://github.com/jakartaee/jaf-tck">https://github.com/jakartaee/jaf-tck</a> ## Third-party Content<br/> This project leverages the following third party content.<br/> Apache Ant (1.9.6) * License: Apache License, 2.0, W3C License, Public Domain<br/> Apache Ant (1.9.6) * License: Apache License, 2.0, W3C License, Public Domain<br/> Apache commons-lang (3.5) * License: Apache-2.0<br/> font-awesome (4.7.0) * License: OFL-1.1 AND MIT<br/> jsoup (1.10.2) * License: MIT<br/> JTHarness (5.0) * License: (GPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0) * Project: <a href="https://wiki.openjdk.java.net/display/CodeTools/JT+Harness">https://wiki.openjdk.java.net/display/CodeTools/JT+Harness</a> * Source: <a href="http://hg.openjdk.java.net/code-tools/jtharness/">http://hg.openjdk.java.net/code-tools/jtharness/</a><br/> JUnit (4.12) * License: Eclipse Public License<br/> normalize.css (3.0.2) * License: MIT * Project: <a href="http://neolas.github.io/normalize.css/">http://neolas.github.io/normalize.css/</a> * Source: <a href="http://neolas.github.io/normalize.css/">http://neolas.github.io/normalize.css/</a><br/> SigTest (4.0) * License: GPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0 * Project: <a href="https://wiki.openjdk.java.net/display/CodeTools/sigtest">https://wiki.openjdk.java.net/display/CodeTools/sigtest</a> * Source: <a href="http://hg.openjdk.java.net/code-tools/sigtest/file/c57f97e2ac2f">http://hg.openjdk.java.net/code-tools/sigtest/file/c57f97e2ac2f</a> ## Cryptography<br/> Content may contain encryption software. The country in which you are currently may have restrictions on the import, possession, and use, and/or re-export to another country, of encryption software. BEFORE using any encryption software, please check the country's laws, regulations and policies concerning the import, possession, or use, and re-export of encryption software, to see if this is permitted.<br/> FOURTH-PARTY DEPENDENCY #4 LICENSE: BSD 3-Clause (same as top level)</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s)   | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Oracle   | jaxb-core 4.0.2 | <p>TOP-LEVEL COPYRIGHT NOTICE # Notices for Eclipse Implementation of JAXB This content is produced and maintained by the Eclipse Implementation of JAXB project. * Project home: <a href="https://projects.eclipse.org/projects/ee4j.jaxb-impl">https://projects.eclipse.org/projects/ee4j.jaxb-impl</a> ## Trademarks Eclipse Implementation of JAXB is a trademark of the Eclipse Foundation. ## Copyright All content is the property of the respective authors or their employers. For more information regarding authorship of content, please consult the listed source code repository logs. ## Declared Project Licenses This program and the accompanying materials are made available under the terms of the Eclipse Distribution License v. 1.0 which is available at <a href="http://www.eclipse.org/org/documents/edl-v10.php">http://www.eclipse.org/org/documents/edl-v10.php</a>. SPDX-License-Identifier: BSD-3-Clause ## Source Code The project maintains the following source code repositories: * <a href="https://github.com/eclipse-ee4j/jaxb-ri">https://github.com/eclipse-ee4j/jaxb-ri</a> * <a href="https://github.com/eclipse-ee4j/jaxb-istack-commons">https://github.com/eclipse-ee4j/jaxb-istack-commons</a> * <a href="https://github.com/eclipse-ee4j/jaxb-dtd-parser">https://github.com/eclipse-ee4j/jaxb-dtd-parser</a> * <a href="https://github.com/eclipse-ee4j/jaxb-fi">https://github.com/eclipse-ee4j/jaxb-fi</a> * <a href="https://github.com/eclipse-ee4j/jaxb-stax-ex">https://github.com/eclipse-ee4j/jaxb-stax-ex</a> * <a href="https://github.com/eclipse-ee4j/jax-rpc-ri">https://github.com/eclipse-ee4j/jax-rpc-ri</a> ## Third-party Content This project leverages the following third party content.</p> <p>Apache Ant (1.10.2) * License: Apache-2.0 AND W3C AND LicenseRef-Public-Domain Apache Ant (1.10.2) * License: Apache-2.0 AND W3C AND LicenseRef-Public-Domain Apache Felix (1.2.0) * License: Apache License, 2.0 args4j (2.33) * License: MIT License dom4j (1.6.1) * License: Custom license based on Apache 1.1 file-management (3.0.0) * License: Apache-2.0 * Project: <a href="https://maven.apache.org/shared/file-management/">https://maven.apache.org/shared/file-management/</a> * Source: <a href="https://svn.apache.org/viewvc/maven/shared/tags/file-management-3.0.0/">https://svn.apache.org/viewvc/maven/shared/tags/file-management-3.0.0/</a> JUnit (4.12) * License: Eclipse Public License JUnit (4.12) * License: Eclipse Public License maven-compat (3.5.2) * License: Apache-2.0 * Project: <a href="https://maven.apache.org/ref/3.5.2/maven-compat/">https://maven.apache.org/ref/3.5.2/maven-compat/</a> * Source: <a href="https://mvnrepository.com/artifact/org.apache.maven/maven-compat/3.5.2">https://mvnrepository.com/artifact/org.apache.maven/maven-compat/3.5.2</a> maven-core (3.5.2) * License: Apache-2.0 * Project: <a href="https://maven.apache.org/ref/3.5.2/maven-core/index.html">https://maven.apache.org/ref/3.5.2/maven-core/index.html</a> * Source: <a href="https://mvnrepository.com/artifact/org.apache.maven/maven-core/3.5.2">https://mvnrepository.com/artifact/org.apache.maven/maven-core/3.5.2</a> maven-plugin-annotations (3.5) * License: Apache-2.0 * Project: <a href="https://maven.apache.org/plugin-tools/maven-plugin-annotations/">https://maven.apache.org/plugin-tools/maven-plugin-annotations/</a> * Source: <a href="https://github.com/apache/maven-plugin-tools/tree/master/maven-plugin-annotations">https://github.com/apache/maven-plugin-tools/tree/master/maven-plugin-annotations</a> maven-plugin-api (3.5.2) * License: Apache-2.0 maven-resolver-api (1.1.1) * License: Apache-2.0 maven-resolver-api (1.1.1) * License: Apache-2.0 maven-resolver-connector-basic (1.1.1) * License: Apache-2.0 maven-resolver-impl (1.1.1) * License: Apache-2.0 maven-resolver-spi (1.1.1) * License: Apache-2.0 maven-resolver-transport-file (1.1.1) * License: Apache-2.0 * Project: <a href="https://maven.apache.org/resolver/maven-resolver-transport-file/">https://maven.apache.org/resolver/maven-resolver-transport-file/</a> * Source: <a href="https://github.com/apache/maven-resolver/tree/master/maven-resolver-transport-file">https://github.com/apache/maven-resolver/tree/master/maven-resolver-transport-file</a> maven-resolver-util (1.1.1) * License: Apache-2.0 maven-settings (3.5.2) * License: Apache-2.0 * Source: <a href="https://mvnrepository.com/artifact/org.apache.maven/maven-settings/3.5.2">https://mvnrepository.com/artifact/org.apache.maven/maven-settings/3.5.2</a> OSGi Service Platform Core Companion Code (6.0) * License: Apache</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>License, 2.0 plexus-archiver (3.5) * License: Apache-2.0 * Project: <a href="https://codehaus-plexus.github.io/plexus-archiver/">https://codehaus-plexus.github.io/plexus-archiver/</a> * Source: <a href="https://github.com/codehaus-plexus/plexus-archiver">https://github.com/codehaus-plexus/plexus-archiver</a> plexus-io (3.0.0) * License: Apache-2.0 plexus-utils (3.1.0) * License: Apache- 2.0 or Apache- 1.1 or BSD or Public Domain or Indiana University Extreme! Lab Software License V1.1.1 (Apache 1.1 style) relaxng-datatype (1.0) * License: New BSD license Sax (0.2) * License: SAX-PD * Project: <a href="http://www.megginson.com/downloads/SAX/">http://www.megginson.com/downloads/SAX/</a> * Source: <a href="http://sourceforge.net/project/showfiles.php?group_id=29449">http://sourceforge.net/project/showfiles.php?group_id=29449</a> testng (6.14.2) * License: Apache-2.0 AND (MIT OR GPL-1.0+) * Project: <a href="https://testng.org/doc/index.html">https://testng.org/doc/index.html</a> * Source: <a href="https://github.com/cbeust/testng">https://github.com/cbeust/testng</a> wagon-http-lightweight (3.0.0) * License: Pending * Project: <a href="https://maven.apache.org/wagon/">https://maven.apache.org/wagon/</a> * Source: <a href="https://mvnrepository.com/artifact/org.apache.maven.wagon/wagon-http-lightweight/3.0.0">https://mvnrepository.com/artifact/org.apache.maven.wagon/wagon-http-lightweight/3.0.0</a> xz for java (1.8) * License: LicenseRef-Public-Domain ## Cryptography Content may contain encryption software. The country in which you are currently may have restrictions on the import, possession, and use, and/or re-export to another country, of encryption software. BEFORE using any encryption software, please check the country's laws, regulations and policies concerning the import, possession, or use, and re-export of encryption software, to see if this is permitted. -----separator----- TOP-LEVEL LICENSE TEXT Copyright (c) 2018 Oracle and/or its affiliates. All rights reserved. Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met: - Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer. - Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution. - Neither the name of the Eclipse Foundation, Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission. THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE. -----separator----- FOURTH-PARTY DEPENDENCY #1 NAME: jakarta.xml.bind-api FOURTH-</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>PARTY DEPENDENCY #1 COPYRIGHT NOTICES: Copyright (c) 2017, 2018 Oracle and/or its affiliates. All rights reserved. FOURTH-PARTY DEPENDENCY #1 LICENSE: BSD 3-Clause Copyright (c) 2017, 2018 Oracle and/or its affiliates. All rights reserved. Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met: - Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer. - Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution. - Neither the name of the Eclipse Foundation, Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission. THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE. -----separator----- FOURTH-PARTY DEPENDENCY #2 NAME: istack-commons-runtime FOURTH-PARTY DEPENDENCY #2 COPYRIGHT NOTICES: Same as top level Notice FOURTH-PARTY DEPENDENCY #2 LICENSE: BSD 3-Clause (same as dependency #1) -----separator----- FOURTH-PARTY DEPENDENCY #3 NAME: txw2 FOURTH-PARTY DEPENDENCY #3 COPYRIGHT NOTICES: Same as top level Notice FOURTH-PARTY DEPENDENCY #3 LICENSE: BSD 3-Clause (same as dependency #1) -----separator----- FOURTH-PARTY DEPENDENCY #4 NAME: jakarta.activation-api FOURTH-PARTY DEPENDENCY #4 COPYRIGHT NOTICES: # Notices for Jakarta Activation This content is produced and maintained by the Jakarta Activation project. * Project home: <a href="https://projects.eclipse.org/projects/ee4j.jaf">https://projects.eclipse.org/projects/ee4j.jaf</a> ## Trademarks Jakarta Activation is a trademark of the Eclipse Foundation. ## Copyright All content is the property of the respective authors or their employers. For more information regarding authorship of content, please consult the listed source code repository logs. ## Declared Project Licenses This program and the accompanying materials are made available under the terms of the Eclipse Public License v. 2.0 which is available at <a href="https://www.eclipse.org/legal/epl-2.0">https://www.eclipse.org/legal/epl-2.0</a>, or the</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider               | Component (s)             | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|------------------------|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                        |                           | <p>Eclipse Distribution License v1.0 which is available at <a href="https://www.eclipse.org/org/documents/edl-v10.php">https://www.eclipse.org/org/documents/edl-v10.php</a>. This Source Code may also be made available under the following Secondary Licenses when the conditions for such availability set forth in the Eclipse Public License v. 2.0 are satisfied: (secondary) GPL-2.0 with Classpath-exception-2.0 which is available at <a href="https://openjdk.java.net/legal/gplv2+ce.html">https://openjdk.java.net/legal/gplv2+ce.html</a>.<br/> SPDX-License-Identifier: EPL-2.0 OR BSD-3-Clause OR GPL-2.0-only with Classpath-exception-2.0 ## Source Code<br/> The project maintains the following source code repositories:<br/> * <a href="https://github.com/jakartaee/jaf-api">https://github.com/jakartaee/jaf-api</a> * <a href="https://github.com/jakartaee/jaf-tck">https://github.com/jakartaee/jaf-tck</a> ## Third-party Content<br/> This project leverages the following third party content.<br/> Apache Ant (1.9.6) * License: Apache License, 2.0, W3C License, Public Domain<br/> Apache Ant (1.9.6) * License: Apache License, 2.0, W3C License, Public Domain<br/> Apache commons-lang (3.5) * License: Apache-2.0<br/> font-awesome (4.7.0) * License: OFL-1.1 AND MIT<br/> jsoup (1.10.2) * License: MIT<br/> JTHarness (5.0) * License: (GPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0) * Project: <a href="https://wiki.openjdk.java.net/display/CodeTools/JT+Harness">https://wiki.openjdk.java.net/display/CodeTools/JT+Harness</a> * Source: <a href="http://hg.openjdk.java.net/code-tools/jtharness/">http://hg.openjdk.java.net/code-tools/jtharness/</a><br/> JUnit (4.12) * License: Eclipse Public License<br/> normalize.css (3.0.2) * License: MIT * Project: <a href="http://neolas.github.io/normalize.css/">http://neolas.github.io/normalize.css/</a> * Source: <a href="http://neolas.github.io/normalize.css/">http://neolas.github.io/normalize.css/</a><br/> SigTest (4.0) * License: GPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0 * Project: <a href="https://wiki.openjdk.java.net/display/CodeTools/sigtest">https://wiki.openjdk.java.net/display/CodeTools/sigtest</a> * Source: <a href="http://hg.openjdk.java.net/code-tools/sigtest/file/c57f97e2ac2f">http://hg.openjdk.java.net/code-tools/sigtest/file/c57f97e2ac2f</a> ## Cryptography Content<br/> may contain encryption software. The country in which you are currently may have restrictions on the import, possession, and use, and/or re-export to another country, of encryption software. BEFORE using any encryption software, please check the country's laws, regulations and policies concerning the import, possession, or use, and re-export of encryption software, to see if this is permitted.<br/> FOURTH-PARTY DEPENDENCY #4 LICENSE: BSD 3-Clause (same as top level)</p> |
| The Kubernetes Authors | metrics-server 0.6.4      | <p>----- Top-Level License<br/> ----- SPDX:Apache-2.0<br/> ----- Copyright<br/> ----- Copyright 2018 The Kubernetes Authors. Copyright 2019 The Kubernetes ... ..<br/> See <a href="#">Appendix E</a></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| The Netty Project      | netty-codec-http2 4.1.100 | <p>Netty (io.netty:netty-*) License : Apache License<br/> ----- Apache License Version 2.0, January 2004 <a href="https://www.apache.org/licenses">https://www.apache.org/licenses</a> ... ..<br/> See <a href="#">Appendix E</a></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s)                                                                                                                                      | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------|----------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Oracle   | OCI SDK for Python 2.114.0<br>OCI SDK for Python 2.124.0<br>OCI SDK for Python 2.119.1<br>OCI SDK for Python 2.123.0<br>OCI SDK for Python 2.121.0 | <p>*****</p> <p>***** Copied from BA Public License</p> <p>*****</p> <p>*****</p> <p>***** Copied from LT Public License &amp; Copyright Notices</p> <p>* ... ..</p> <p>The Universal Permissive License (UPL), Version 1.0</p> <p>Subject to the condition set forth below, permission is hereby granted to any person obtaining a copy of this software, associated documentation and/or data (collectively the "Software"), free of charge and under any and all copyright rights in the Software, and any and all patent rights owned or freely licensable by each licensor hereunder covering either (i) the unmodified Software as contributed to or provided by such licensor, or (ii) the Larger Works (as defined below), to deal in both</p> <p>(a) the Software, and</p> <p>(b) any piece of software and/or hardware listed in the lgwrks.txt file if one is included with the Software (each a "Larger Work" to which the Software is contributed by such licensors),</p> <p>without restriction, including without limitation the rights to copy, create derivative works of, display, perform, and distribute the Software and make, use, sell, offer for sale, import, export, have made, and have sold the Software and the Larger Work(s), and to sublicense the foregoing rights on either these or other terms.</p> <p>This license is subject to the following condition:</p> <p>The above copyright notice and either this complete permission notice or at a minimum a reference to the UPL must be included in all copies or substantial portions of the Software.</p> <p>THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.</p> <p>See <a href="#">Appendix E</a></p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider              | Component (s)                                   | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-----------------------|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| OpenTelemetry authors | opentelemetry/api 1.6.0                         | <p>opentelemetry/api<br/>License : Apache 2.0</p> <p>----- /* * Copyright The OpenTelemetry Authors * * Licensed under the Apache License, Version 2.0 (the "License"); * you may not use this file except in compliance with the License. * You may obtain a copy of the License at * * <a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a> * * Unless required by applicable law or agreed to in writing, software * distributed under the License is distributed on an "AS IS" BASIS, * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. * See the License for the specific language governing permissions and * limitations under the License. */</p> <p>-----</p> <p>See <a href="#">Appendix E</a></p>                                                                                                                                                                                                                                                                                                                                                                                   |
| OpenTelemetry authors | opentelemetry/auto-instrumentations-node 0.39.2 | <p>@opentelemetry/auto-instrumentations-node License : Apache 2.0 /* * Copyright The OpenTelemetry Authors * * Licensed under the Apache License, Version 2.0 (the "License"); * you may not use this file except in compliance with the License. * Yo ... ..</p> <p>@opentelemetry/auto-instrumentations-node<br/>License : Apache 2.0</p> <p>/*</p> <p>* Copyright The OpenTelemetry Authors</p> <p>*</p> <p>* Licensed under the Apache License, Version 2.0 (the "License");</p> <p>* you may not use this file except in compliance with the License.</p> <p>* You may obtain a copy of the License at</p> <p>*</p> <p>* <a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a></p> <p>*</p> <p>* Unless required by applicable law or agreed to in writing, software</p> <p>* distributed under the License is distributed on an "AS IS" BASIS,</p> <p>* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.</p> <p>* See the License for the specific language governing permissions and</p> <p>* limitations under the License.</p> <p>*/</p> <p>—</p> <p>See <a href="#">Appendix E</a></p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider                  | Component (s)           | Licensing Information                                                                                                                                                                      |
|---------------------------|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| The OpenTelemetry Authors | opentelemetry-collector | ----- Top-Level License<br>----- SPDX:Apache-2.0<br>----- Copyright<br>----- Copyright (c) 2017 Uber Technologies, Inc. Copyright (c) 2019 The Ja ... ..<br>See <a href="#">Appendix E</a> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider                       | Component (s)                                                 | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|--------------------------------|---------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| The Apache Software Foundation | Apache HTTP Server 2.4.37-56.0.1<br>Apache HTTP Server 2.4.58 | <p>Apache HTTP Server</p> <p>Copyright 1999-2019 The Apache Software Foundation.</p> <p>This product includes software developed at The Apache Software Foundation (<a href="http://www.apache.org/">http://www.apache.org/</a>).</p> <p>Portions of this software were developed at the National Center for Supercomputing Applications (NCSA) at the University of Illinois at Urbana-Champaign.</p> <p>This software contains code derived from the RSA Data Security Inc. MD5 Message-Digest Algorithm, including various modifications by Spyglass Inc., Carnegie Mellon University, and Bell Communications Research, Inc (Bellcore).</p> <p>This software contains code derived from the PCRE library <code>pcreposix.c</code> source code, written by Philip Hazel, Copyright 1997-2004 by the University of Cambridge, England.</p> <p>See <a href="#">Appendix E</a></p> <p>APPENDIX: How to apply the Apache License to your work.</p> <p>To apply the Apache License to your work, attach the following</p> <p>boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a</p> <p>file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.</p> <p>Copyright [yyyy] [name of copyright owner]</p> <p>Licensed under the Apache License, Version 2.0 (the "License");</p> <p>you may not use this file except in compliance with the License.</p> <p>You may obtain a copy of the License at</p> <p><a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Unless required by applicable law or agreed to in writing, software</p> <p>distributed under the License is distributed on an "AS IS" BASIS,</p> <p>WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>See the License for the specific language governing permissions and limitations under the License.</p> <p>APACHE HTTP SERVER SUBCOMPONENTS:</p> <p>The Apache HTTP Server includes a number of subcomponents with separate copyright notices and license terms. Your use of the source code for the these subcomponents is subject to the terms and conditions of the following licenses.</p> <p>For the mod_mime_magic component:</p> <pre>/*  * mod_mime_magic: MIME type lookup via file magic numbers  * Copyright (c) 1996-1997 Cisco Systems, Inc.  *  * This software was submitted by Cisco Systems to the Apache Group in July  * 1997. Future revisions and derivatives of this source code must  * acknowledge Cisco Systems as the original contributor of this module.  * All other licensing and usage conditions are those of the Apache Group.  *  * Some of this code is derived from the free version of the file command  * originally posted to comp.sources.unix. Copyright info for that program  * is included below as required.  * -----  * - Copyright (c) Ian F. Darwin, 1987. Written by Ian F. Darwin.  *  * This software is not subject to any license of the American Telephone and  * Telegraph Company or of the Regents of the University of California.  *  * Permission is granted to anyone to use this software for any purpose on any  * computer system, and to alter it and redistribute it freely, subject to  * the following restrictions:  *</pre> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>* 1. The author is not responsible for the consequences of use of this<br/>* software, no matter how awful, even if they arise from flaws in it.<br/>*<br/>* 2. The origin of this software must not be misrepresented, either by<br/>* explicit claim or by omission. Since few users ever read sources, credits<br/>* must appear in the documentation.<br/>*<br/>* 3. Altered versions must be plainly marked as such, and must not be<br/>* misrepresented as being the original software. Since few users ever read<br/>* sources, credits must appear in the documentation.<br/>*<br/>* 4. This notice may not be removed or altered.<br/>* -----<br/>*<br/>*/</p> <p>For the modules\mappers\mod_imagemap.c component:<br/>"macmartinized" polygon code copyright 1992 by Eric Haines, erich@eye.com<br/>For the server\util_md5.c component:<br/>/<br/>*****<br/>***<br/>* NCSA HTTPd Server<br/>* Software Development Group<br/>* National Center for Supercomputing Applications<br/>* University of Illinois at Urbana-Champaign<br/>* 605 E. Springfield, Champaign, IL 61820<br/>* httpd@ncsa.uiuc.edu<br/>*<br/>* Copyright (C) 1995, Board of Trustees of the University of Illinois<br/>*<br/>*****<br/>***<br/>*<br/>* md5.c: NCSA HTTPd code which uses the md5c.c RSA Code<br/>*<br/>* Original Code Copyright (C) 1994, Jeff Hostetler, Spyglass, Inc.</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>* Portions of Content-MD5 code Copyright (C) 1993, 1994 by Carnegie Mellon</p> <p>* University (see Copyright below).</p> <p>* Portions of Content-MD5 code Copyright (C) 1991 Bell Communications</p> <p>* Research, Inc. (Bellcore) (see Copyright below).</p> <p>* Portions extracted from mpack, John G. Myers - jgm+@cmu.edu</p> <p>* Content-MD5 Code contributed by Martin Hamilton (martin@net.lut.ac.uk)</p> <p>*</p> <p>*/</p> <p>/* these portions extracted from mpack, John G. Myers - jgm+@cmu.edu */</p> <p>/* (C) Copyright 1993,1994 by Carnegie Mellon University</p> <p>* All Rights Reserved.</p> <p>*</p> <p>* Permission to use, copy, modify, distribute, and sell this software</p> <p>* and its documentation for any purpose is hereby granted without</p> <p>* fee, provided that the above copyright notice appear in all copies</p> <p>* and that both that copyright notice and this permission notice</p> <p>* appear in supporting documentation, and that the name of Carnegie</p> <p>* Mellon University not be used in advertising or publicity</p> <p>* pertaining to distribution of the software without specific,</p> <p>* written prior permission. Carnegie Mellon University makes no</p> <p>* representations about the suitability of this software for any</p> <p>* purpose. It is provided "as is" without express or implied</p> <p>* warranty.</p> <p>*</p> <p>* CARNEGIE MELLON UNIVERSITY DISCLAIMS ALL WARRANTIES WITH REGARD TO</p> <p>* THIS SOFTWARE, INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY</p> <p>* AND FITNESS, IN NO EVENT SHALL CARNEGIE MELLON UNIVERSITY BE LIABLE</p> <p>* FOR ANY SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES</p> <p>* WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN</p> <p>* AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>* OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS</p> <p>* SOFTWARE.</p> <p>*/</p> <p>/*</p> <p>* Copyright (c) 1991 Bell Communications Research, Inc. (Bellcore)</p> <p>*</p> <p>* Permission to use, copy, modify, and distribute this material</p> <p>* for any purpose and without fee is hereby granted, provided</p> <p>* that the above copyright notice and this permission notice</p> <p>* appear in all copies, and that the name of Bellcore not be</p> <p>* used in advertising or publicity pertaining to this</p> <p>* material without the specific, prior written permission</p> <p>* of an authorized representative of Bellcore. BELLCORE</p> <p>* MAKES NO REPRESENTATIONS ABOUT THE ACCURACY OR SUITABILITY</p> <p>* OF THIS MATERIAL FOR ANY PURPOSE. IT IS PROVIDED "AS IS",</p> <p>* WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES.</p> <p>*/</p> <p>For the util_pcre.c and ap_regex.h components:</p> <p>Copyright (c) 1997-2004 University of Cambridge</p> <p>-----</p> <p>Redistribution and use in source and binary forms, with or without</p> <p>modification, are permitted provided that the following conditions are met:</p> <p>* Redistributions of source code must retain the above copyright notice,</p> <p>this list of conditions and the following disclaimer.</p> <p>* Redistributions in binary form must reproduce the above copyright</p> <p>notice, this list of conditions and the following disclaimer in the</p> <p>documentation and/or other materials provided with the distribution.</p> <p>* Neither the name of the University of Cambridge nor the names of its</p> <p>contributors may be used to endorse or promote products derived from</p> <p>this software without specific prior written permission.</p> <p>THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS"</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>-----</p> <p>For the src/lib/apr/include/apr_md5.h component:</p> <pre> /*  * This is work is derived from material Copyright RSA Data Security, Inc.  *  * The RSA copyright statement and Licence for that original material is  * included below. This is followed by the Apache copyright statement and  * licence for the modifications made to that material.  */  /* Copyright (C) 1991-2, RSA Data Security, Inc. Created 1991. All rights reserved.  License to copy and use this software is granted provided that it is identified as the "RSA Data Security, Inc. MD5 Message-Digest Algorithm" in all material mentioning or referencing this software or this function.  License is also granted to make and use derivative works provided that such works are identified as "derived from the RSA Data Security, Inc. MD5 Message-Digest Algorithm" in all material mentioning or referencing the derived work.</pre> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>RSA Data Security, Inc. makes no representations concerning either the merchantability of this software or the suitability of this software for any particular purpose. It is provided "as is" without express or implied warranty of any kind.</p> <p>These notices must be retained in any copies of any part of this documentation and/or software.</p> <p>*/</p> <p>For the src/lib/apr/passwd/apr_md5.c component:</p> <p>/*</p> <p>* This is work is derived from material Copyright RSA Data Security, Inc.</p> <p>*</p> <p>* The RSA copyright statement and Licence for that original material is</p> <p>* included below. This is followed by the Apache copyright statement and</p> <p>* licence for the modifications made to that material.</p> <p>*/</p> <p>/* MD5C.C - RSA Data Security, Inc., MD5 message-digest algorithm</p> <p>*/</p> <p>/* Copyright (C) 1991-2, RSA Data Security, Inc. Created 1991. All rights reserved.</p> <p>License to copy and use this software is granted provided that it is identified as the "RSA Data Security, Inc. MD5 Message-Digest Algorithm" in all material mentioning or referencing this software or this function.</p> <p>License is also granted to make and use derivative works provided that such works are identified as "derived from the RSA Data Security, Inc. MD5 Message-Digest Algorithm" in all material mentioning or referencing the derived work.</p> <p>RSA Data Security, Inc. makes no representations concerning either the merchantability of this software or the suitability of this software for any particular purpose. It is provided "as is" without express or implied warranty of any kind.</p> <p>These notices must be retained in any copies of any part of this</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>documentation and/or software.</p> <pre> */ /* * The apr_md5_encode() routine uses much code obtained from the FreeBSD 3.0 * MD5 crypt() function, which is licenced as follows: * ----- * "THE BEER-WARE LICENSE" (Revision 42): * wrote this file. As long as you retain this notice you * can do whatever you want with this stuff. If we meet some day, and you think * this stuff is worth it, you can buy me a beer in return. Poul- Henning Kamp * ----- */ For the src/lib/apr-util/crypto/apr_md4.c component: * This is derived from material copyright RSA Data Security, Inc. * Their notice is reproduced below in its entirety. * * Copyright (C) 1991-2, RSA Data Security, Inc. Created 1991. All * rights reserved. * * License to copy and use this software is granted provided that it * is identified as the "RSA Data Security, Inc. MD4 Message- Digest * Algorithm" in all material mentioning or referencing this software * or this function. * * License is also granted to make and use derivative works provided * that such works are identified as "derived from the RSA Data * Security, Inc. MD4 Message-Digest Algorithm" in all material * mentioning or referencing the derived work. * * RSA Data Security, Inc. makes no representations concerning either * the merchantability of this software or the suitability of this * software for any particular purpose. It is provided "as is" * without express or implied warranty of any kind. * </pre> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>* These notices must be retained in any copies of any part of this<br/>* documentation and/or software.<br/>*/</p> <p>For the src\lib\apr-util\include\apr_md4.h component:</p> <p>*<br/>* This is derived from material copyright RSA Data Security, Inc.<br/>* Their notice is reproduced below in its entirety.<br/>*<br/>* Copyright (C) 1991-2, RSA Data Security, Inc. Created 1991. All<br/>* rights reserved.<br/>*<br/>* License to copy and use this software is granted provided that it<br/>* is identified as the "RSA Data Security, Inc. MD4 Message-Digest<br/>* Algorithm" in all material mentioning or referencing this software<br/>* or this function.<br/>*<br/>* License is also granted to make and use derivative works provided<br/>* that such works are identified as "derived from the RSA Data<br/>* Security, Inc. MD4 Message-Digest Algorithm" in all material<br/>* mentioning or referencing the derived work.<br/>*<br/>* RSA Data Security, Inc. makes no representations concerning either<br/>* the merchantability of this software or the suitability of this<br/>* software for any particular purpose. It is provided "as is"<br/>* without express or implied warranty of any kind.<br/>*<br/>* These notices must be retained in any copies of any part of this<br/>* documentation and/or software.<br/>*/</p> <p>For the src\lib\apr-util\test\testmd4.c component:</p> <p>*<br/>* This is derived from material copyright RSA Data Security, Inc.<br/>* Their notice is reproduced below in its entirety.<br/>*</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>* Copyright (C) 1990-2, RSA Data Security, Inc. Created 1990. All</p> <p>* rights reserved.</p> <p>*</p> <p>* RSA Data Security, Inc. makes no representations concerning either</p> <p>* the merchantability of this software or the suitability of this</p> <p>* software for any particular purpose. It is provided "as is"</p> <p>* without express or implied warranty of any kind.</p> <p>*</p> <p>* These notices must be retained in any copies of any part of this</p> <p>* documentation and/or software.</p> <p>*/</p> <p>For the test\zb.c component:</p> <p>/* ZeusBench V1.01</p> <p>=====</p> <p>This program is Copyright (C) Zeus Technology Limited 1996.</p> <p>This program may be used and copied freely providing this copyright notice is not removed.</p> <p>This software is provided "as is" and any express or implied warranties, including but not limited to, the implied warranties of merchantability and fitness for a particular purpose are disclaimed. In no event shall Zeus Technology Ltd. be liable for any direct, indirect, incidental, special, exemplary, or consequential damaged (including, but not limited to, procurement of substitute good or services; loss of use, data, or profits; or business interruption) however caused and on theory of liability. Whether in contract, strict liability or tort (including negligence or otherwise) arising in any way out of the use of this software, even if advised of the possibility of such damage.</p> <p>Written by Adam Twiss (adam@zeus.co.uk). March 1996</p> <p>Thanks to the following people for their input:</p> <p>Mike Belshe (mbelshe@netscape.com)</p> <p>Michael Campanella (campanella@stevms.enet.dec.com)</p> <p>*/</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider                              | Component (s)       | Licensing Information |
|---------------------------------------|---------------------|-----------------------|
| The Legion Of<br>The Bouncy<br>Castle | bcpkix-jdk18on 1.76 |                       |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider            | Component (s)  | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|---------------------|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Matsumoto<br>Taichi | Crontier 1.4.0 | <p>==== Public License Template<br/>=====</p> <p>==== This template is provided to help you identify and sort all information</p> <p>==== required for the Public Licenses &amp; Copyright Notices field. You do not</p> <p>==== need to use or keep this template in place, as long as all details are</p> <p>==== provided and organized in such a way that D&amp;E Legal can understand what</p> <p>==== belongs where.</p> <p>====</p> <p>==== The template is sorted into three sections: copyright notices for the</p> <p>==== TOP-LEVEL component, the license for the top-level component, and the</p> <p>==== same information for all fourth-party dependencies. If you are not sure</p> <p>==== about the difference between top-level and fourth-party dependencies,</p> <p>==== please review the section on Fourth-Party Dependencies in the</p> <p>==== Corporate Architecture Third-Party Approval FAQ at</p> <p>==== <a href="https://confluence.oraclecorp.com/confluence/x/O4G_Bg">https://confluence.oraclecorp.com/confluence/x/O4G_Bg</a> .</p> <p>==== We especially recommend reading "What information is required in the</p> <p>==== Public Licenses &amp; Copyright Notices field?" and "What is a copyright</p> <p>==== notice? Where do I find it?"</p> <p>====</p> <p>=====</p> <p>=====</p> <p>----- Top-level license -----</p> <p>==== Insert the full text of the top-level license(s) for the component here.</p> <p>==== This is the license that covers the entire component. If the component</p> <p>==== is offered under multiple licenses or a choice of licenses, enter all</p> <p>==== of them. Do not enter only a URL.</p> <p>====</p> <p>=====</p> <p>=====</p> <p>.Copyright (C) 2010-2012 Matsumoto Taichi</p> <p>Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense,</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:</p> <p>The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.</p> <p>THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.</p> <p>.</p> <p>.</p> <p>----- Copyright notices</p> <p>=====</p> <p>=== Enter all copyright notices for the TOP-LEVEL component. This should</p> <p>=== include anything relevant to copyrights, licensing, or terms and</p> <p>=== conditions. Look in the README file, as well as in files that may have</p> <p>=== names like COPYING, LEGAL, NOTICE, PATENTS, or other .txt files. The</p> <p>=== information may even be contained in the headers of the files themselves.</p> <p>===</p> <p>=====</p> <p>=====</p> <p>.</p> <p>.Copyright (C) 2010-2012 Matsumoto Taichi</p> <p>.</p> <p>----- Fourth-party information</p> <p>-----</p> <p>=== IF YOU ARE INCLUDING FOURTH-PARTY DEPENDENCIES IN THIS LT:</p> <p>===</p> <p>=== For each fourth-party component, provide the copyright notices and</p> <p>=== license text, clearly identifying to which component they belong.</p> <p>=== You must include this for all dependencies, whether they are bundled</p> <p>=== or downloaded separately, and whether or not you are using them.</p> |

Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <div>=== For notices or license text that is shared across multiple components,<br/>=== you may group the component names together, so that you do not need to<br/>=== have multiple copies of the same license text, or indicate the license<br/>=== type if the license text is already provided for another dependency.<br/>=== For more guidance, see "How do I record fourth-party dependencies?"<br/>=== in the Corporate Architecture Third Party Approval FAQ.<br/>===<br/>=== If YOU ARE NOT INCLUDING FOURTH-PARTY DEPENDENCIES IN THIS LT, leave<br/>=== this section blank. However, if you are seeking distribution, YOU MUST<br/>=== have separate business approvals for each dependency. You may use the<br/>=== "Fourth-Party Dependencies" section below to identify those other LTs.<br/>===<br/>=====</div> <div>=====</div> <div>== NAME OF DEPENDENCY 1</div> <div>.</div> <div>== License</div> <div>.</div> <div>.</div> <div>== Copyright Notices</div> <div>.</div> <div>.</div> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider    | Component (s)   | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-------------|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Alec Thomas | Injector 0.20.1 | <p>==== ===== Public License Template<br/>===== This template is provided to help you identify and sort all information === required for the Public Licenses &amp; Copyright Notices field. You do not === need to use or keep this template in place, as long as all details are === provided and organized in such a way that D&amp;E Legal can understand what === belongs where. === The template is sorted into three sections: copyright notices for the === TOP-LEVEL component, the license for the top-level component, and the === same information for all fourth-party dependencies. If you are not sure === about the difference between top-level and fourth-party dependencies, === please review the section on Fourth-Party Dependencies in the === Corporate Architecture Third-Party Approval FAQ at === <a href="https://confluence.oraclecorp.com/confluence/x/O4G_Bg">https://confluence.oraclecorp.com/confluence/x/O4G_Bg</a> . === We especially recommend reading "What information is required in the === Public Licenses &amp; Copyright Notices field?" and "What is a copyright === notice? Where do I find it?" ===</p> <p>=====</p> <p>Top-level license ----- === Insert the full text of the top-level license(s) for the component here. === This is the license that covers the entire component. If the component === is offered under multiple licenses or a choice of licenses, enter all === of them. Do not enter only a URL. ===</p> <p>=====</p> <p>===== .Copyright (c) 2010, Alec Thomas, Google Inc. All rights reserved. Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:</p> <ul style="list-style-type: none"> <li>- Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.</li> <li>- Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.</li> <li>- Neither the name of SwapOff.org nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.</li> </ul> <p>THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF</p> |

Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | ADVISED OF THE POSSIBILITY OF SUCH DAMAGE. . .<br>----- Copyright notices<br>----- === Enter all copyright notices for the<br>TOP-LEVEL component. This should === include anything<br>relevant to copyrights, licensing, or terms and ===<br>conditions. Look in the README file, as well as in files that<br>may have === names like COPYING, LEGAL, NOTICE,<br>PATENTS, or other .txt files. The === information may even<br>be contained in the headers of the files themselves. ===<br>===== .Copyright (c) 2010, Alec<br>Thomas, Google Inc. . . |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider   | Component (s)                                                              | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|------------|----------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Jenkins CI | Jenkins active choices plug-in 2.7<br>Jenkins active choices plug-in 2.8.1 | <p>The MIT License (MIT)<br/>See <a href="#">Appendix G</a></p> <p>The MIT License (MIT)<br/>Copyright (c) 2011-2016 Dominik Bartholdi<br/>Permission is hereby granted, free of charge, to any person obtaining<br/>a copy of this software and associated documentation files (the<br/>"Software"), to deal in the Software without restriction,<br/>including<br/>without limitation the rights to use, copy, modify, merge,<br/>publish,<br/>distribute, sublicense, and/or sell copies of the Software, and<br/>to<br/>permit persons to whom the Software is furnished to do so,<br/>subject<br/>to the following conditions:<br/>The above copyright notice and this permission notice shall<br/>be<br/>included in all copies or substantial portions of the Software.<br/>THE SOFTWARE IS PROVIDED "AS IS", WITHOUT<br/>WARRANTY OF ANY KIND,<br/>EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED<br/>TO THE WARRANTIES OF<br/>MERCHANTABILITY, FITNESS FOR A PARTICULAR<br/>PURPOSE AND NONINFRINGEMENT.<br/>IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT<br/>HOLDERS BE LIABLE FOR<br/>ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER<br/>IN AN ACTION OF<br/>CONTRACT, TORT OR OTHERWISE, ARISING FROM,<br/>OUT OF OR IN CONNECTION<br/>WITH THE SOFTWARE OR THE USE OR OTHER<br/>DEALINGS IN THE SOFTWARE.<br/>----- OWASP Markup Formatter(<a href="https://plugins.jenkins.io/antisamy-markup-formatter/#releases">https://<br/>plugins.jenkins.io/antisamy-markup-formatter/#releases</a>)-----</p> <p>The MIT License (MIT)<br/>Copyright (c) 2011-2016 Dominik Bartholdi<br/>Permission is hereby granted, free of charge, to any person obtaining<br/>a copy of this software and associated documentation files (the<br/>"Software"), to deal in the Software without restriction,<br/>including<br/>without limitation the rights to use, copy, modify, merge,<br/>publish,</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:</p> <p>The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.</p> <p>THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT.</p> <p>IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.</p> <p>----- The following dependency list the following license in the pom.xml only -----</p> <p>JQuery3 API Plugin</p> <p>MIT License</p> <p>Copyright (c) 2019 Dr. Ullrich Hafner</p> <p>Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:</p> <p>The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.</p> <p>THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                        |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE. |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider        | Component (s)            | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-----------------|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CloudBees, Inc. | pipeline-stage-view 2.34 | <pre> ***** ***** Copied from BA Public License ***** ***** ***** Copied from LT Public License &amp; Copyright Notices * ... .. ***** ***** Copied from BA Public License *****  ***** ***** Copied from LT Public License &amp; Copyright Notices *****  License Technology pipeline-stage-view:2.33 org.jenkins-ci.plugins.pipeline-stage-view:pipeline-stage-view org.jenkins-ci.plugins.pipeline-stage-view:pipeline-rest-api &lt;!-- ~ The MIT License ~ ~ Copyright (c) 2013-2016, CloudBees, Inc. ~ ~ Permission is hereby granted, free of charge, to any person obtaining a copy ~ of this software and associated documentation files (the "Software"), to deal ~ in the Software without restriction, including without limitation the rights ~ to use, copy, modify, merge, publish, distribute, sublicense, and/or sell ~ copies of the Software, and to permit persons to whom the Software is ~ furnished to do so, subject to the following conditions: ~ ~ The above copyright notice and this permission notice shall be included in ~ all copies or substantial portions of the Software. ~ ~ THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR ~ IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, ~ FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE ~ AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER ~ LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, ~ OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN </pre> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider      | Component (s)        | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|---------------|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|               |                      | <p>~ THE SOFTWARE.</p> <p>--&gt;</p> <p>-----separator-----</p> <p>See <a href="#">Appendix E</a></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Google        | protobuf-java 3.24.0 | <p>Copyright 2008 Google Inc. All rights reserved. Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met: * Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer. * Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution. * Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission. THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE. Code generated by the Protocol Buffer compiler is owned by the owner of the input file used when generating it. This code is not standalone and requires a support library to be linked with it. This support library is itself covered by the above license.</p> |
| Pivotal, Inc. | spring-aop 6.0.13    | <p>Spring Framework ## Notice and Copyright Spring Framework \${version} Copyright (c) 2002-\${copyright} Pivotal, Inc. This product is licensed to you under the Apache License, Version 2.0 (the "License"). You may not use this product except in compliance with the License. This product may include a number of subcomponents with separate copyright notices and license terms. Your use of the source code for these subcomponents is subject to the terms and conditions of the subcomponent's license, as noted in the license.txt file. ## License Apache License Version 2.0, January 2004 <a href="https://www.apache.org/licenses/">https://www.apache.org/licenses/</a> See <a href="#">Appendix E</a></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider         | Component (s)                                 | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|------------------|-----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Pivotal Software | spring-cloud-starter-bootstrap 4.0.3          | Apache License Version 2.0, January 2004 <a href="http://www.apache.org/licenses/">http://www.apache.org/licenses/</a> TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION 1. Definitions. "License" shall mean the terms and conditions for use, reproduction, and distribution as define ... ..<br>See <a href="#">Appendix E</a><br>...                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Pivotal, Inc.    | spring-context 6.0.13<br>spring-context 6.1.2 | Spring Framework ## Notice and Copyright Spring Framework \${version} Copyright (c) 2002-\${copyright} Pivotal, Inc. This product is licensed to you under the Apache License, Version 2.0 (the "License"). You may not use this product except in compliance with the License. This product may include a number of subcomponents with separate copyright notices and license terms. Your use of the source code for these subcomponents is subject to the terms and conditions of the subcomponent's license, as noted in the license.txt file. ## License Apache License Version 2.0, January 2004 <a href="https://www.apache.org/licenses/">https://www.apache.org/licenses/</a><br>See <a href="#">Appendix E</a>                                                              |
| Pivotal, Inc.    | spring-context-support 6.0.13                 | Spring Framework ## Notice and Copyright Spring Framework \${version} Copyright (c) 2002-\${copyright} Pivotal, Inc. This product is licensed to you under the Apache License, Version 2.0 (the "License"). You may not use this product except in compliance with the License. This product may include a number of subcomponents with separate copyright notices and license terms. Your use of the source code for these subcomponents is subject to the terms and conditions of the subcomponent's license, as noted in the license.txt file. ## License Apache License Version 2.0, January 2004 <a href="https://www.apache.org/licenses/">https://www.apache.org/licenses/</a><br>See <a href="#">Appendix E</a>                                                              |
| Pivotal, Inc.    | spring-core 6.0.13                            | Spring Framework ## Notice and Copyright Spring Framework \${version} Copyright (c) 2002-\${copyright} Pivotal, Inc. This product is licensed to you under the Apache License, Version 2.0 (the "License"). You may not use this product except in compliance with the License. This product may include a number of subcomponents with separate copyright notices and license terms. Your use of the source code for these subcomponents is subject to the terms and conditions of the subcomponent's license, as noted in the license.txt file. ## License Apache License Version 2.0, January 2004 <a href="https://www.apache.org/licenses/">https://www.apache.org/licenses/</a> TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION<br>See <a href="#">Appendix E</a> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider              | Component (s)                       | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-----------------------|-------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Pivotal Software, Inc | springdoc-openapi-starter-webmvc-ui | ===== org.springdoc:springdoc-openapi-starter-webmvc-ui COPYRIGHT: Copyright 2019-2023 the original author or authors. Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at <a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a> Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License. LICENSE : Apache License Version 2.0, January 2004 <a href="http://www.apache.org/licenses/">http://www.apache.org/licenses/</a> See <a href="#">Appendix E</a> |
| Pivotal, Inc.         | spring-expression 6.0.13            | Spring Framework ## Notice and Copyright Spring Framework \${version} Copyright (c) 2002-\${copyright} Pivotal, Inc. This product is licensed to you under the Apache License, Version 2.0 (the "License"). You may not use this product except in compliance with the License. This product may include a number of subcomponents with separate copyright notices and license terms. Your use of the source code for these subcomponents is subject to the terms and conditions of the subcomponent's license, as noted in the license.txt file. ## License Apache License Version 2.0, January 2004 <a href="https://www.apache.org/licenses/">https://www.apache.org/licenses/</a> See <a href="#">Appendix E</a>                                                                                                                                                                    |
| Pivotal, Inc.         | spring-jcl 6.0.13                   | Spring Framework ## Notice and Copyright Spring Framework \${version} Copyright (c) 2002-\${copyright} Pivotal, Inc. This product is licensed to you under the Apache License, Version 2.0 (the "License"). You may not use this product except in compliance with the License. This product may include a number of subcomponents with separate copyright notices and license terms. Your use of the source code for these subcomponents is subject to the terms and conditions of the subcomponent's license, as noted in the license.txt file. ## License Apache License Version 2.0, January 2004 <a href="https://www.apache.org/licenses/">https://www.apache.org/licenses/</a> See <a href="#">Appendix E</a>                                                                                                                                                                    |
| Pivotal, Inc.         | spring-jdbc 6.0.13                  | Spring Framework ## Notice and Copyright Spring Framework \${version} Copyright (c) 2002-\${copyright} Pivotal, Inc. This product is licensed to you under the Apache License, Version 2.0 (the "License"). You may not use this product except in compliance with the License. This product may include a number of subcomponents with separate copyright notices and license terms. Your use of the source code for these subcomponents is subject to the terms and conditions of the subcomponent's license, as noted in the license.txt file. ## License Apache License Version 2.0, January 2004 <a href="https://www.apache.org/licenses/">https://www.apache.org/licenses/</a> See <a href="#">Appendix E</a>                                                                                                                                                                    |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider      | Component (s)                          | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|---------------|----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Pivotal, Inc. | spring-messaging 6.0.13                | Spring Framework ## Notice and Copyright Spring Framework \${version} Copyright (c) 2002-\${copyright} Pivotal, Inc. This product is licensed to you under the Apache License, Version 2.0 (the "License"). You may not use this product except in compliance with the License. This product may include a number of subcomponents with separate copyright notices and license terms. Your use of the source code for these subcomponents is subject to the terms and conditions of the subcomponent's license, as noted in the license.txt file. ## License Apache License Version 2.0, January 2004 <a href="https://www.apache.org/licenses/">https://www.apache.org/licenses/</a> TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION<br>See <a href="#">Appendix E</a> |
| Pivotal, Inc. | spring-orm 6.0.13                      | Spring Framework ## Notice and Copyright Spring Framework \${version} Copyright (c) 2002-\${copyright} Pivotal, Inc. This product is licensed to you under the Apache License, Version 2.0 (the "License"). You may not use this product except in compliance with the License. This product may include a number of subcomponents with separate copyright notices and license terms. Your use of the source code for these subcomponents is subject to the terms and conditions of the subcomponent's license, as noted in the license.txt file. ## License Apache License Version 2.0, January 2004 <a href="https://www.apache.org/licenses/">https://www.apache.org/licenses/</a> TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION<br>See <a href="#">Appendix E</a> |
| Pivotal, Inc. | spring-web 6.0.13<br>spring-web 6.0.16 | Spring Framework ## Notice and Copyright Spring Framework \${version} Copyright (c) 2002-\${copyright} Pivotal, Inc. This product is licensed to you under the Apache License, Version 2.0 (the "License"). You may not use this product except in compliance with the License. This product may include a number of subcomponents with separate copyright notices and license terms. Your use of the source code for these subcomponents is subject to the terms and conditions of the subcomponent's license, as noted in the license.txt file. ## License Apache License Version 2.0, January 2004 <a href="https://www.apache.org/licenses/">https://www.apache.org/licenses/</a><br>See <a href="#">Appendix E</a>                                                              |
| Pivotal, Inc. | spring-webmvc 6.0.13                   | Spring Framework ## Notice and Copyright Spring Framework \${version} Copyright (c) 2002-\${copyright} Pivotal, Inc. This product is licensed to you under the Apache License, Version 2.0 (the "License"). You may not use this product except in compliance with the License. This product may include a number of subcomponents with separate copyright notices and license terms. Your use of the source code for these subcomponents is subject to the terms and conditions of the subcomponent's license, as noted in the license.txt file. ## License Apache License Version 2.0, January 2004 <a href="https://www.apache.org/licenses/">https://www.apache.org/licenses/</a><br>See <a href="#">Appendix E</a>                                                              |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider                       | Component (s)                       | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|--------------------------------|-------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| The Apache Software Foundation | Thrift Java Software Library 0.16.0 | TOP-LEVEL COPYRIGHT NOTICE Apache Thrift Copyright (C) 2006 - 2019, The Apache Software Foundation This product includes software developed at The Apache Software Foundation ( <a href="http://www.apache.org/">http://www.apache.org/</a> ). ----- separator ----- TOP-LEVEL LICENSE TEXT <a href="https://thrift.apache.org/download">https://thrift.apache.org/download</a> Apache License Version 2.0, January 2004 <a href="http://www.apache.org/licenses/">http://www.apache.org/licenses/</a> See <a href="#">Appendix E</a>                                                                                                                                                                                                                                                                                                                                                     |
| The Apache Software Foundation | tomcat-embed-el 10.1.15             | ----- Top-level license -----<br>Apache License Version 2.0, January 2004 <a href="http://www.apache.org/licenses/">http://www.apache.org/licenses/</a> TERMS AND ... .. See <a href="#">Appendix E</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| The Apache Software Foundation | XML Security for Java 3.0.3         | Apache License Version 2.0, January 2004 <a href="http://www.apache.org/licenses/">http://www.apache.org/licenses/</a> TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION 1. Definitions. "License" shall mean the terms and conditions for use, reproduction, and distribution as ... .. See <a href="#">Appendix E</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| OpenLDAP                       | OpenLDAP 2.5.16                     | Copyright 1998-2020 The OpenLDAP Foundation<br>All rights reserved.<br>Redistribution and use in source and binary forms, with or without modification, are permitted only as authorized by the OpenLDAP Public License.<br>A copy of this license is available in the file LICENSE in the top-level directory of the distribution or, alternatively, at .<br>OpenLDAP is a registered trademark of the OpenLDAP Foundation.<br>Individual files and/or contributed packages may be copyright by other parties and/or subject to additional restrictions.<br>This work is derived from the University of Michigan LDAP v3.3 distribution. Information concerning this software is available at .<br>This work also contains materials derived from public sources.<br>Additional information about OpenLDAP can be obtained at.<br>See <a href="#">Appendix OpenLDAP Public License</a> . |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s)                                 | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------|-----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Google   | Protocol Buffers (aka Google protobuf) 3.21.8 | <p>From the LICENSE file in the download packages</p> <p>URL for License and Copyright Notice - <a href="https://github.com/protocolbuffers/protobuf/blob/master/LICENSE">https://github.com/protocolbuffers/protobuf/blob/master/LICENSE</a></p> <p>Copyright 2008 Google Inc. All rights reserved.</p> <p>See <a href="#">Appendix M</a></p> <p>Code generated by the Protocol Buffer compiler is owned by the owner of the input file used when generating it. This code is not standalone and requires a support library to be linked with it. This support library is itself covered by the above license.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s)                                                  | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------|----------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| JBoss    | Drools-mvel 8.32.0.Final<br>drools-decisiontables 8.44.0 Final | <p>org.drools:drools-mvel (Apache-2.0)</p> <p>Copyright (c) 2020. Red Hat, Inc. and/or its affiliates.<br/>Licensed under the Apache License, Version 2.0 (the "License");<br/>you may not use this file except in compliance with the License.</p> <p><a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Unless required by applicable law or agreed to in writing, software<br/>distributed under the License is distributed on an "AS IS" BASIS,<br/>WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.<br/>See the License for the specific language governing permissions and<br/>limitations under the License.</p> <p>Apache License<br/>Version 2.0, January 2004<br/><a href="http://www.apache.org/licenses/">http://www.apache.org/licenses/</a></p> <p>See <a href="#">Appendix E</a></p> <p>=====</p> <p>## org.kie:kie-api (Apache-2.0)</p> <p>Copyright 2013 Red Hat, Inc. and/or its affiliates.</p> <p>=====</p> <p>## org.kie:kie-internal (Apache-2.0)</p> <p>Copyright 2013 Red Hat, Inc. and/or its affiliates.</p> <p>=====</p> <p>## org.drools:drools-core (Apache-2.0)</p> <p>Copyright 2010 Red Hat, Inc. and/or its affiliates.</p> <p>org.drools:drools-core depends on the following technologies/licenses.</p> <ul style="list-style-type: none"> <li>- org.kie:kie-util-xml (Apache-2.0)</li> <li>- org.drools:drools-wiring-api (Apache-2.0)</li> </ul> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <ul style="list-style-type: none"> <li>- org.drools:drools-wiring-static (Apache-2.0)</li> <li>- org.drools:drools-io (Apache-2.0)</li> <li>- org.drools:drools-util (Apache-2.0)</li> <li>- commons-codec:commons-codec (Apache-2.0)</li> </ul> <p>-----</p> <p>#### org.kie:kie-util-xml (Apache-2.0)</p> <p>Copyright 2017 Red Hat, Inc. and/or its affiliates.</p> <p>-----</p> <p>#### org.drools:drools-wiring-api (Apache-2.0)</p> <p>Copyright 2022 Red Hat, Inc. and/or its affiliates.<br/>Copyright 2005 JBoss Inc</p> <p>-----</p> <p>#### org.drools:drools-wiring-static (Apache-2.0)</p> <p>Copyright 2019 Red Hat, Inc. and/or its affiliates.</p> <p>-----</p> <p>#### org.drools:drools-io (Apache-2.0)</p> <p>Copyright 2010 Red Hat, Inc. and/or its affiliates</p> <p>-----</p> <p>#### org.drools:drools-util (Apache-2.0)</p> <p>Copyright 2015 Red Hat, Inc. and/or its affiliates.</p> <p>-----</p> <p>#### commons-codec:commons-codec (Apache-2.0)</p> <p>* Licensed to the Apache Software Foundation (ASF) under one or more<br/>* contributor license agreements. See the NOTICE file distributed with<br/>* this work for additional information regarding copyright ownership.<br/>* The ASF licenses this file to You under the Apache License, Version 2.0<br/>* (the "License"); you may not use this file except in compliance with<br/>* the License. You may obtain a copy of the License at<br/>*<br/>* <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>*<br/>           * Unless required by applicable law or agreed to in writing, software<br/>           * distributed under the License is distributed on an "AS IS" BASIS,<br/>           * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.<br/>           * See the License for the specific language governing permissions and<br/>           * limitations under the License.</p> <p>NOTICE</p> <p>Apache Commons Codec<br/>           Copyright 2002-2023 The Apache Software Foundation</p> <p>This product includes software developed at The Apache Software Foundation (<a href="https://www.apache.org/">https://www.apache.org/</a>).</p> <p>src/test/org/apache/commons/codec/language/DoubleMetaphoneTest.java<br/>           contains test data from <a href="http://aspell.net/test/orig/batch0.tab">http://aspell.net/test/orig/batch0.tab</a>.<br/>           Copyright (C) 2002 Kevin Atkinson (kevina@gnu.org)</p> <p>=====</p> <p>The content of package<br/>           org.apache.commons.codec.language.bm has been translated<br/>           from the original php source code available at <a href="http://stevemorse.org/phoneticinfo.htm">http://stevemorse.org/phoneticinfo.htm</a><br/>           with permission from the original authors.<br/>           Original source copyright:<br/>           Copyright (c) 2008 Alexander Beider &amp; Stephen P. Morse.</p> <p>=====</p> <p>## org.drools:drools-compiler (Apache-2.0)</p> <p>Copyright 2018 Red Hat, Inc. and/or its affiliates.</p> <p>org.drools:drools-compiler depends on the following technologies/licenses.</p> <ul style="list-style-type: none"> <li>- org.drools:drools-drl-parser (Apache-2.0)</li> <li>- org.drools:drools-drl-extensions (Apache-2.0)</li> <li>- org.drools:drools-drl-ast (Apache-2.0)</li> <li>- org.drools:drools-kiesession (Apache-2.0)</li> <li>- org.kie:kie-memory-compiler (Apache-2.0)</li> <li>- org.drools:drools-ecj (Apache-2.0)</li> </ul> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <ul style="list-style-type: none"> <li>- org.kie:kie-util-maven-support (Apache-2.0)</li> <li>- org.antlr:antlr-runtime (BSD-3-Clause)</li> </ul> <p>-----</p> <p>#### org.drools:drools-drl-parser (Apache-2.0)</p> <p>Copyright 2015 Red Hat, Inc. and/or its affiliates.</p> <p>-----</p> <p>#### org.drools:drools-drl-extensions (Apache-2.0)</p> <p>Copyright 2015 Red Hat, Inc. and/or its affiliates.</p> <p>-----</p> <p>#### org.drools:drools-drl-ast (Apache-2.0)</p> <p>Copyright 2011 Red Hat, Inc. and/or its affiliates.</p> <p>-----</p> <p>#### org.drools:drools-kiesession (Apache-2.0)</p> <p>Copyright 2016 Red Hat, Inc. and/or its affiliates.</p> <p>-----</p> <p>#### org.kie:kie-memory-compiler (Apache-2.0)</p> <p>Copyright (c) 2020. Red Hat, Inc. and/or its affiliates.</p> <p>-----</p> <p>#### org.drools:drools-ecj (Apache-2.0)</p> <p>Copyright (c) 2020. Red Hat, Inc. and/or its affiliates.</p> <p>-----</p> <p>#### org.kie:kie-util-maven-support (Apache-2.0)</p> <p>Copyright 2021 Red Hat, Inc. and/or its affiliates.</p> <p>-----</p> <p>#### org.antlr:antlr-runtime (BSD-3-Clause)</p> <p>* Copyright (c) 2012-2017 The ANTLR Project. All rights reserved.</p> <p>* Use of this file is governed by the BSD 3-</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>clause license that<br/>* can be found in the LICENSE.txt file in the project root.</p> <p>BSD-3-Clause License:</p> <p>Copyright (c) 2012-2022 The ANTLR Project. All rights reserved.</p> <p>Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:</p> <ol style="list-style-type: none"> <li>1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.</li> <li>2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.</li> <li>3. Neither name of copyright holders nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.</li> </ol> <p>THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS<br/>`AS IS' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT<br/>LIMITED TO, THE IMPLIED WARRANTIES OF<br/>MERCHANTABILITY AND FITNESS FOR<br/>A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT<br/>SHALL THE REGENTS OR<br/>CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT,<br/>INCIDENTAL, SPECIAL,<br/>EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING,<br/>BUT NOT LIMITED TO,<br/>PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS<br/>OF USE, DATA, OR<br/>PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED<br/>AND ON ANY THEORY OF<br/>LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY,<br/>OR TORT (INCLUDING<br/>NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF<br/>THE USE OF THIS<br/>SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF<br/>SUCH DAMAGE.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Third-Party License Notice:</p> <p>"antlr4" uses third-party libraries or other resources that may be distributed under licenses different than "antlr4".</p> <p>1. String.prototype.codePointAt (<a href="https://github.com/mathiasbynens/String.prototype.codePointAt">https://github.com/mathiasbynens/String.prototype.codePointAt</a>)</p> <p>%% License notice for String.prototype.codePointAt<br/>=====</p> <p>Copyright Mathias Bynens</p> <p>Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:</p> <p>The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.</p> <p>THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.</p> <p>=====</p> <p>=====</p> <p>## org.drools:drools-wiring-dynamic (Apache-2.0)</p> <p>Copyright 2005 JBoss Inc<br/>Copyright 2015 Red Hat, Inc. and/or its affiliates.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider       | Component (s)                     | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------------|-----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                |                                   | <pre>===== ===== ## org.slf4j:slf4j-api (MIT)  Copyright (c) 2004-2022 QOS.ch Sarl (Switzerland) All rights reserved.  Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:  The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.  THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.  ===== =====</pre> |
| Jan Ouwens     | Equals Verifier 3.14.2            | Apache 2.0<br>See <a href="#">Appendix E</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| FasterXML, LLC | jackson-module-afterburner 2.13.4 | Apache 2.0<br>See <a href="#">Appendix E</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Flipkart       | zjsonpatch 0.4.012                | Apache 2.0<br>See <a href="#">Appendix E</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider        | Component (s)                                                                                 | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-----------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Matthew Barnett | regex 2023.6.3<br>regex 2023.12.25                                                            | <p>Apache 2.0<br/>See <a href="#">Appendix E</a></p> <p>APPENDIX: How to apply the Apache License to your work.</p> <p>To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.</p> <p>Copyright 2020 Matthew Barnett</p> <p>Licensed under the Apache License, Version 2.0 (the "License");<br/>you may not use this file except in compliance with the License.<br/>You may obtain a copy of the License at<br/><a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS,<br/>WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.<br/>See the License for the specific language governing permissions and limitations under the License.</p> |
| SnakeYAML.org   | SnakeYAML 1.31                                                                                | <p>Apache 2.0<br/>See <a href="#">Appendix E</a></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Project Reactor | reactor-netty-http 1.0.24<br>reactor-netty-http 1.1.15                                        | <p>Apache 2.0<br/>See <a href="#">Appendix E</a></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| fabric8io       | Kubernetes Client Java 6.1.1<br>Kubernetes Client Java 6.8.1<br>Kubernetes Client Java 18.0.1 | <p>Apache 2.0<br/>See <a href="#">Appendix E</a></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s)  | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| vcd-cli  | vcd-cli 24.0.1 | <p>VMware vCloud Director CLI</p> <p>Copyright (c) 2018 VMware, Inc. All rights reserved</p> <p>The Apache 2.0 license (the "License") set forth below applies to all parts of the VMware vCloud Director CLI project. You may not use this file except in compliance with the License.</p> <p>Apache License</p> <p>Version 2.0, January 2004</p> <p><a href="http://www.apache.org/licenses/">http://www.apache.org/licenses/</a></p> <p>See <a href="#">Appendix E</a></p> <p>4P Dependency:</p> <p>click &gt;= 7.0 -&gt; BSD</p> <p>colorama &gt;= 0.3.9 -&gt; BSD</p> <p>keyring &gt;= 10.6.0, &lt;= 12.0.0 -&gt; MIT</p> <p>pycryptodome == 3.6.6 -&gt; BSD</p> <p>pypiwin32 &gt;= 223;platform_system=="Windows"</p> <p>pyvcloud &gt;= 23.0.1, &lt; 24.0.0 -&gt; Apache 2.0</p> <p>tabulate &gt;= 0.7.5 -&gt; MIT</p> <p>unittest-xml-reporting &gt;= 2.2.1 -&gt; BSD</p> <p>click &gt;= 7.0</p> <p>Copyright 2014 Pallets</p> <p>See <a href="#">Appendix M</a></p> <p>colorama &gt;= 0.3.9</p> <p>Copyright (c) 2010 Jonathan Hartley</p> <p>All rights reserved.</p> <p>See <a href="#">Appendix M</a></p> <p>keyring &gt;= 10.6.0, &lt;= 12.0.0 -&gt; MIT</p> <p>Copyright Jason R. Coombs</p> <p>See <a href="#">Appendix G</a></p> <p>pycryptodome == 3.6.6</p> <p>The source code in PyCryptodome is partially in the public domain and partially released under the BSD 2-Clause license.</p> <p>In either case, there are minimal if no restrictions on the redistribution, modification and usage of the software.</p> <p>Public domain</p> <p>All code originating from PyCrypto is free and unencumbered software released into the public domain.</p> <p>Anyone is free to copy, modify, publish, use, compile, sell, or distribute this software, either in source code form or as a</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>compiled binary, for any purpose, commercial or non-commercial, and by any means.</p> <p>In jurisdictions that recognize copyright laws, the author or authors of this software dedicate any and all copyright interest in the software to the public domain. We make this dedication for the benefit of the public at large and to the detriment of our heirs and successors. We intend this dedication to be an overt act of relinquishment in perpetuity of all present and future rights to this software under copyright law.</p> <p>THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.</p> <p>For more information, please refer to</p> <p>BSD license</p> <p>All direct contributions to PyCryptodome are released under the following license. The copyright of each piece belongs to the respective author.</p> <p>See <a href="#">Appendix M</a></p> <p>OCB license</p> <p>The OCB cipher mode is patented in the US under patent numbers 7,949,129 and 8,321,675. The directory Doc/ocb contains three free licenses for implementors and users. As a general statement, OCB can be freely used for software not meant for military purposes. Contact your attorney for further information.</p> <p>pyvcloud &gt;= 23.0.1, &lt; 24.0.0 -&gt; Apache 2.0</p> <p>pyvCloud</p> <p>Copyright 2018 VMware, Inc. All rights reserved.</p> <p>The Apache 2.0 license (the "License") set forth below applies to all parts of the pyvCloud project. You may not use this file except in compliance with the License.</p> <p>Apache License</p> <p>Version 2.0, January 2004</p> <p><a href="http://www.apache.org/licenses/">http://www.apache.org/licenses/</a></p> <p>See <a href="#">Appendix E</a></p> <p>tabulate &gt;= 0.7.5</p> <p>Copyright (c) 2011-2020 Sergey Astanin and contributors</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider                    | Component (s)                          | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-----------------------------|----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                             |                                        | <p>See <a href="#">Appendix G</a></p> <p>unittest-xml-reporting &gt;= 2.2.1</p> <p>Copyright (c) 2008-2013, Daniel Fernandes Martins</p> <p>All rights reserved.</p> <p>See <a href="#">Appendix M</a></p> <p>The views and conclusions contained in the software and documentation are those of the authors and should not be interpreted as representing official policies, either expressed or implied, of the FreeBSD Project.</p> |
| Amenezes                    | config-client 1.0.1                    | <p>Apache License, version 2.0 -</p> <p>See <a href="#">Appendix E</a></p>                                                                                                                                                                                                                                                                                                                                                             |
| JBoss Open Source Community | Undertow 2.3.0 Final<br>Undertow 2.7.4 | <p>Apache License, version 2.0 -</p> <p>See <a href="#">Appendix E</a></p>                                                                                                                                                                                                                                                                                                                                                             |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider   | Component (s)    | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|------------|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Apache 2.0 | Tensorflow 2.8.1 | <p>== Tensorflow:</p> <p>+---And 4th party: absl-py, flatbuffers, google-pasta, keras, tensorflow-estimator, grpcio, tensorflow-io-gcs-filesystem</p> <p>Apache License, version 2.0 - See <a href="#">Appendix E</a></p> <p>=====</p> <p>=====</p> <p>+--- 4th party: astunparse</p> <p>Copyright (c) 2014, Simon Percivall</p> <p>All rights reserved.</p> <p>See <a href="#">Appendix M</a></p> <p>PYTHON SOFTWARE FOUNDATION LICENSE VERSION 2</p> <p>-----</p> <p>1. This LICENSE AGREEMENT is between the Python Software Foundation ("PSF"), and the Individual or Organization ("Licensee") accessing and otherwise using this software ("Python") in source or binary form and its associated documentation.</p> <p>2. Subject to the terms and conditions of this License Agreement, PSF hereby grants Licensee a nonexclusive, royalty-free, world-wide license to reproduce, analyze, test, perform and/or display publicly, prepare derivative works, distribute, and otherwise use Python alone or in any derivative version, provided, however, that PSF's License Agreement and PSF's notice of copyright, i.e., "Copyright (c) 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014 Python Software Foundation; All Rights Reserved" are retained in Python alone or in any derivative version prepared by Licensee.</p> <p>3. In the event Licensee prepares a derivative work that is based on or incorporates Python or any part thereof, and wants to make the derivative work available to others as provided herein, then Licensee hereby agrees to include in any such work a brief summary of the changes made to Python.</p> <p>4. PSF is making Python available to Licensee on an "AS IS"</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>basis. PSF MAKES NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED. BY WAY OF EXAMPLE, BUT NOT LIMITATION, PSF MAKES NO AND DISCLAIMS ANY REPRESENTATION OR WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE OR THAT THE USE OF PYTHON WILL NOT INFRINGE ANY THIRD PARTY RIGHTS.</p> <p>5. PSF SHALL NOT BE LIABLE TO LICENSEE OR ANY OTHER USERS OF PYTHON FOR ANY INCIDENTAL, SPECIAL, OR CONSEQUENTIAL DAMAGES OR LOSS AS A RESULT OF MODIFYING, DISTRIBUTING, OR OTHERWISE USING PYTHON, OR ANY DERIVATIVE THEREOF, EVEN IF ADVISED OF THE POSSIBILITY THEREOF.</p> <p>6. This License Agreement will automatically terminate upon a material breach of its terms and conditions.</p> <p>7. Nothing in this License Agreement shall be deemed to create any relationship of agency, partnership, or joint venture between PSF and Licensee. This License Agreement does not grant permission to use PSF trademarks or trade name in a trademark sense to endorse or promote products or services of Licensee, or any third party.</p> <p>8. By copying, installing or otherwise using Python, Licensee agrees to be bound by the terms and conditions of this License Agreement.</p> <p>=====</p> <p>+--- 4th party: gast</p> <p>Copyright (c) 2016, Serge Guelton</p> <p>All rights reserved.</p> <p>See <a href="#">Appendix M</a></p> <p>=====</p> <p>+--- 4th party: h5py</p> <p>Copyright (c) 2008 Andrew Collette and contributors</p> <p>All rights reserved.</p> <p>See <a href="#">Appendix M</a></p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>=====</p> <p>=====</p> <p>+--- 4th party: keras-preprocessing</p> <p>COPYRIGHT</p> <p>Copyright (c) 2015 - 2018, the respective contributors.<br/>All rights reserved.</p> <p>Each contributor holds copyright over their respective contributions.</p> <p>The project versioning (Git) records all such contribution source information.</p> <p>The initial code of this repository came from <a href="https://github.com/keras-team/keras">https://github.com/keras-team/keras</a> (the Keras repository), hence, for author information regarding commits that occurred earlier than the first commit in the present repository, please see the original Keras repository.</p> <p>LICENSE</p> <p>MIT License See <a href="#">Appendix G</a></p> <p>=====</p> <p>=====</p> <p>+--- 4th party: libclang</p> <p>=====</p> <p>=====</p> <p>The LLVM Project is under the Apache License v2.0 with LLVM Exceptions:</p> <p>=====</p> <p>=====</p> <p>=====</p> <p>Software from third parties included in the LLVM Project:</p> <p>=====</p> <p>=====</p> <p>The LLVM Project contains third party software which is under different license terms. All such code will be identified clearly using at least one of two mechanisms:</p> <p>1) It will be in a separate directory tree with its own `LICENSE.txt` or `LICENSE` file at the top containing the specific license and restrictions which apply to that software, or</p> <p>2) It will contain specific license and restriction terms at the top of every file.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>=====</p> <p>=====</p> <p>Legacy LLVM License (<a href="https://llvm.org/docs/DeveloperPolicy.html#legacy">https://llvm.org/docs/DeveloperPolicy.html#legacy</a>):</p> <p>=====</p> <p>=====</p> <p>University of Illinois/NCSA<br/>Open Source License</p> <p>Copyright (c) 2007-2019 University of Illinois at Urbana-Champaign.<br/>All rights reserved.</p> <p>Developed by:<br/>LLVM Team<br/>University of Illinois at Urbana-Champaign<br/><a href="http://llvm.org">http://llvm.org</a><br/>See <a href="#">Appendix G</a></p> <p>* Redistributions of source code must retain the above copyright notice,<br/>this list of conditions and the following disclaimers.</p> <p>* Redistributions in binary form must reproduce the above copyright notice,<br/>this list of conditions and the following disclaimers in the documentation and/or other materials provided with the distribution.</p> <p>* Neither the names of the LLVM Team, University of Illinois at<br/>Urbana-Champaign, nor the names of its contributors may be used to<br/>endorse or promote products derived from this Software without specific<br/>prior written permission.</p> <p>See <a href="#">Appendix G</a></p> <p>=====</p> <p>=====</p> <p>+--- 4th party: numpy</p> <p>Numpy (License and Copyright)<br/>Copyright (c) 2005-2022, NumPy Developers.<br/>All rights reserved.</p> <p>See <a href="#">Appendix M</a></p> <p>----</p> <p>This binary distribution of NumPy also bundles the following software:</p> <p>Name: OpenBLAS</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Files: extra-dll\libopenb*.dll<br/> Description: bundled as a dynamically linked library<br/> Availability: <a href="https://github.com/xianyi/OpenBLAS/">https://github.com/xianyi/OpenBLAS/</a><br/> License: 3-clause BSD<br/> Copyright (c) 2011-2014, The OpenBLAS Project<br/> All rights reserved.<br/> See <a href="#">Appendix M</a></p> <p>Name: LAPACK<br/> Files: extra-dll\libopenb*.dll<br/> Description: bundled in OpenBLAS<br/> Availability: <a href="https://github.com/xianyi/OpenBLAS/">https://github.com/xianyi/OpenBLAS/</a><br/> License 3-clause BSD<br/> Copyright (c) 1992-2013 The University of Tennessee and<br/> The University<br/> of Tennessee Research Foundation. All rights<br/> reserved.<br/> Copyright (c) 2000-2013 The University of California<br/> Berkeley. All<br/> rights reserved.<br/> Copyright (c) 2006-2013 The University of Colorado Denver.<br/> All rights<br/> reserved.<br/> \$COPYRIGHT\$<br/> Additional copyrights may follow<br/> \$HEADER\$<br/> See <a href="#">Appendix M</a></p> <p>-----<br/> --<br/> LICENSES_bundled.txt<br/> -----<br/> --</p> <p>The NumPy repository and source distributions bundle<br/> several libraries that are<br/> compatibly licensed. We list these here.<br/> Name: lapack-lite<br/> Files: numpy/linalg/lapack_lite/*<br/> License: BSD-3-Clause<br/> For details, see numpy/linalg/lapack_lite/LICENSE.txt<br/> Name: tempita<br/> Files: tools/npv_tempita/*<br/> License: MIT<br/> For details, see tools/npv_tempita/license.txt<br/> Name: dragon4</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Files: numpy/core/src/multiarray/dragon4.c<br/>License: MIT<br/>For license text, see numpy/core/src/multiarray/dragon4.c</p> <p>Name: libdivide<br/>Files: numpy/core/include/numpy/libdivide/*<br/>License: Zlib<br/>For license text, see numpy/core/include/numpy/libdivide/LICENSE.txt</p> <p>----- RECURSIVE LICENSE Mentioned in LICENSES_bundled.txt -----</p> <p>-----</p> <p>lapack-lite<br/>Copyright (c) 1992-2022 The University of Tennessee and The University of Tennessee Research Foundation. All rights reserved.<br/>Copyright (c) 2000-2022 The University of California Berkeley. All rights reserved.<br/>Copyright (c) 2006-2022 The University of Colorado Denver. All rights reserved.<br/>Additional copyrights may follow<br/>See <a href="#">Appendix M</a></p> <p>-----</p> <p>tempita<br/>Copyright (c) 2022 Ian Bicking and Contributors<br/>See <a href="#">Appendix G</a></p> <p>-----</p> <p>dragon4<br/>Copyright (c) 2022 Ryan Juckett<br/>See <a href="#">Appendix G</a></p> <p>-----</p> <p>libdivide<br/>zlib License<br/>Copyright (C) 2010 - 2022 ridiculous_fish,<br/>Copyright (C) 2016 - 2022 Kim Walisch,<br/>This software is provided 'as-is', without any express or implied warranty. In no event will the authors be held liable for any damages arising from the use of this software.</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Permission is granted to anyone to use this software for any purpose,<br/>including commercial applications, and to alter it and redistribute it<br/>freely, subject to the following restrictions:</p> <ol style="list-style-type: none"> <li>1. The origin of this software must not be misrepresented; you must not claim that you wrote the original software. If you use this software in a product, an acknowledgment in the product documentation would be appreciated but is not required.</li> <li>2. Altered source versions must be plainly marked as such, and must not be misrepresented as being the original software.</li> <li>3. This notice may not be removed or altered from any source distribution.</li> </ol> <p>-----</p> <p>-</p> <p>LICENSES_bundled in different directories:</p> <p>-----</p> <p>--</p> <p>The NumPy repository and source distributions bundle several libraries that are compatibly licensed. We list these here.</p> <p>Name: SPLITMIX64<br/>Files: /numpy/blob/numpy/random/src/splitmix64/*<br/>License: Sebastiano Vigna © 2005–2019 NumPy Developers, Licensed under the 3-clause BSD License.<br/>For details, see /numpy/blob/numpy/random/src/splitmix64/LICENSE.md</p> <p>Name: SFC64<br/>Files: /numpy/blob/numpy/random/src/sfc64/*<br/>License: MIT<br/>For details, see /numpy/blob/numpy/random/src/sfc64/LICENSE.md</p> <p>Name: PHILOX<br/>Files: /numpy/blob/numpy/random/src/philox/*<br/>License: D. E. Shaw Research<br/>For license text, see /numpy/blob/numpy/random/src/philox/LICENSE.md</p> <p>Name: PCG64<br/>Files: /numpy/blob/numpy/random/src/pcg64/*<br/>License: MIT<br/>For license text, see /numpy/blob/numpy/random/src/pcg64/LICENSE.md</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Name: MT19937<br/>Files: /numpy/blob/numpy/random/src/mt19937/*<br/>License: MIT<br/>For license text, see/numpy/blob/numpy/random/src/mt19937/LICENSE.md</p> <p>Name: Julia<br/>Files: /numpy/blob/numpy/random/src/distributions/*<br/>License: Jeff Bezanson, Stefan Karpinski, Viral B. Shah, and other contributors<br/>For license text, see/numpy/blob/numpy/random/src/distributions/LICENSE.md</p> <p>Name: Random<br/>Files: /numpy/blob/numpy/random/*<br/>License: dual-licensed under the The University of Illinois/ NCSA Open Source License (NCSA) and The 3-Clause BSD License<br/>For license text, see/numpy/blob/numpy/random/LICENSE.md</p> <p>Name: nymPy.core.ma<br/>Files: /numpy/blob/numpy/ma/*<br/>License: University of Georgia and Pierre G.F. Gerard-Marchant<br/>For license text, see /numpy/blob/numpy/ma/LICENSE</p> <p>----- RECURSIVE LICENSE Mentioned in LICENSES_bundled in different directories (list above) -----</p> <p>-----</p> <p>Name: SPLITMIX64<br/>Written in 2015 by Sebastiano Vigna (vigna@acm.org)<br/>To the extent possible under law, the author has dedicated all copyright and related and neighboring rights to this software to the public domain worldwide. This software is distributed without any warranty.<br/>See <a href="http://creativecommons.org/publicdomain/zero/1.0/">http://creativecommons.org/publicdomain/zero/1.0/</a>.</p> <p>-----</p> <p>Name: SFC64<br/>© 2005–2019 NumPy Developers, Licensed under the 3-clause BSD License.<br/>MIT License See <a href="#">Appendix G</a></p> <p>-----</p> <p>Name: PHILOX</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Copyright 2010-2012, D. E. Shaw Research. All rights reserved.</p> <p>See <a href="#">Appendix M</a></p> <p>-----</p> <p>Name: PCG64</p> <p>MIT License See <a href="#">Appendix G</a></p> <p>-----</p> <p>Name: MT19937</p> <p>Copyright (c) 2003-2005, Jean-Sebastien Roy (js@jeannot.org)</p> <p>The rk_random and rk_seed functions algorithms and the original design of the Mersenne Twister RNG:</p> <p>Copyright (C) 1997 - 2002, Makoto Matsumoto and Takuji Nishimura, All rights reserved.</p> <p>See <a href="#">Appendix M</a></p> <p>Original algorithm for the implementation of rk_interval function from Richard J. Wagner's implementation of the Mersenne Twister RNG, optimised by Magnus Jonsson.</p> <p>Constants used in the rk_double implementation by Isaku Wada.</p> <p>See <a href="#">Appendix G</a></p> <p>-----</p> <p>Name: Julia</p> <p>The ziggurat methods were derived from Julia.</p> <p>Copyright (c) 2009-2019: Jeff Bezanson, Stefan Karpinski, Viral B. Shah, and other contributors:</p> <p><a href="https://github.com/JuliaLang/julia/contributors">https://github.com/JuliaLang/julia/contributors</a></p> <p>See <a href="#">Appendix G</a></p> <p>-----</p> <p>Name: Random</p> <p>NCSA Open Source License</p> <p>Copyright (c) 2019 Kevin Sheppard. All rights reserved.</p> <p>Developed by: Kevin Sheppard (kevin.sheppard@economics.ox.ac.uk, kevin.k.sheppard@gmail.com) <a href="http://www.kevinsheppard.com">http://www.kevinsheppard.com</a></p> <p>See <a href="#">Appendix G</a></p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimers.</p> <p>Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimers in the documentation and/or other materials provided with the distribution.</p> <p>Neither the names of Kevin Sheppard, nor the names of any contributors may be used to endorse or promote products derived from this Software without specific prior written permission.</p> <p>See <a href="#">Appendix G</a></p> <p>3-Clause BSD License</p> <p>Copyright (c) 2019 Kevin Sheppard. All rights reserved.</p> <p>See <a href="#">Appendix M</a></p> <p>Components</p> <p>Many parts of this module have been derived from original sources, often the algorithm's designer. Component licenses are located with the component code.</p> <p>-----</p> <p>Name: nymphy.core.ma</p> <p>Copyright (c) 2006, University of Georgia and Pierre G.F. Gerard-Marchant</p> <p>All rights reserved.</p> <p>See <a href="#">Appendix M</a></p> <p>=====</p> <p>+--- 4th party: opt-einsum</p> <p>MIT License See <a href="#">Appendix G</a></p> <p>=====</p> <p>+--- 4th party: protobuf</p> <p>Copyright 2008 Google Inc. All rights reserved.</p> <p>See <a href="#">Appendix M</a></p> <p>Code generated by the Protocol Buffer compiler is owned by the owner</p> <p>of the input file used when generating it. This code is not standalone and requires a support library to be linked with it. This</p> <p>support library is itself covered by the above license.</p> <p>=====</p> <p>+--- 4th party: setuptools</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Copyright Jason R. Coombs</p> <p>See <a href="#">Appendix G</a></p> <p>=====</p> <p>=====</p> <p>+--- 4th party: six</p> <p>Copyright (c) 2010-2020 Benjamin Peterson</p> <p>See <a href="#">Appendix G</a></p> <p>=====</p> <p>=====</p> <p>+--- 4th party: termcolor</p> <p>Copyright (c) 2013, Ihor Kalnytskyi.</p> <p>All rights reserved.</p> <p>Redistribution and use in source and binary forms of the software as well as documentation, with or without modification, are permitted provided that the following conditions are met:</p> <p>* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.</p> <p>* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.</p> <p>* The names of the contributors may not be used to endorse or promote products derived from this software without specific prior written permission.</p> <p>THIS SOFTWARE AND DOCUMENTATION IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE AND DOCUMENTATION, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>=====</p> <p>-----</p> <p>+--- 4th party: typing-extensions</p> <p>A. HISTORY OF THE SOFTWARE</p> <p>=====</p> <p>Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <a href="http://www.cwi.nl">http://www.cwi.nl</a>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.</p> <p>In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <a href="http://www.cnri.reston.va.us">http://www.cnri.reston.va.us</a>) in Reston, Virginia where he released several versions of the software.</p> <p>In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see <a href="http://www.zope.com">http://www.zope.com</a>). In 2001, the Python Software Foundation (PSF, see <a href="http://www.python.org/psf/">http://www.python.org/psf/</a>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.</p> <p>All Python releases are Open Source (see <a href="http://www.opensource.org">http://www.opensource.org</a> for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>the various releases.</p> <p>Release Derived Year Owner GPL-compatible? (1)</p> <p>0.9.0 thru 1.2 1991-1995 CWI yes</p> <p>1.3 thru 1.5.2 1.2 1995-1999 CNRI yes</p> <p>1.6 1.5.2 2000 CNRI no</p> <p>2.0 1.6 2000 BeOpen.com no</p> <p>1.6.1 1.6 2001 CNRI yes (2)</p> <p>2.1 2.0+1.6.1 2001 PSF no</p> <p>2.0.1 2.0+1.6.1 2001 PSF yes</p> <p>2.1.1 2.1+2.0.1 2001 PSF yes</p> <p>2.1.2 2.1.1 2002 PSF yes</p> <p>2.1.3 2.1.2 2002 PSF yes</p> <p>2.2 and above 2.1.1 2001-now PSF yes</p> <p>Footnotes:</p> <p>(1) GPL-compatible doesn't mean that we're distributing Python under the GPL. All Python licenses, unlike the GPL, let you distribute a modified version without making your changes open source. The GPL-compatible licenses make it possible to combine Python with other software that is released under the GPL; the others don't.</p> <p>(2) According to Richard Stallman, 1.6.1 is not GPL-compatible, because its license has a choice of law clause. According to CNRI, however, Stallman's lawyer has told CNRI's lawyer that 1.6.1 is "not incompatible" with the GPL.</p> <p>Thanks to the many outside volunteers who have worked under Guido's direction to make these releases possible.</p> <p><b>B. TERMS AND CONDITIONS FOR ACCESSING OR OTHERWISE USING PYTHON</b></p> <p>=====</p> <p>=====</p> <p><b>PYTHON SOFTWARE FOUNDATION LICENSE VERSION 2</b></p> <p>-----</p> <p>1. This LICENSE AGREEMENT is between the Python Software Foundation ("PSF"), and the Individual or Organization ("Licensee") accessing and</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>otherwise using this software ("Python") in source or binary form and its associated documentation.</p> <p>2. Subject to the terms and conditions of this License Agreement, PSF hereby grants Licensee a nonexclusive, royalty-free, world-wide license to reproduce, analyze, test, perform and/or display publicly, prepare derivative works, distribute, and otherwise use Python alone or in any derivative version, provided, however, that PSF's License Agreement and PSF's notice of copyright, i.e., "Copyright (c) 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014 Python Software Foundation; All Rights Reserved" are retained in Python alone or in any derivative version prepared by Licensee.</p> <p>3. In the event Licensee prepares a derivative work that is based on or incorporates Python or any part thereof, and wants to make the derivative work available to others as provided herein, then Licensee hereby agrees to include in any such work a brief summary of the changes made to Python.</p> <p>4. PSF is making Python available to Licensee on an "AS IS" basis. PSF MAKES NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED. BY WAY OF EXAMPLE, BUT NOT LIMITATION, PSF MAKES NO AND DISCLAIMS ANY REPRESENTATION OR WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE OR THAT THE USE OF PYTHON WILL NOT INFRINGE ANY THIRD PARTY RIGHTS.</p> <p>5. PSF SHALL NOT BE LIABLE TO LICENSEE OR ANY OTHER USERS OF PYTHON FOR ANY INCIDENTAL, SPECIAL, OR CONSEQUENTIAL DAMAGES OR LOSS AS A RESULT OF MODIFYING, DISTRIBUTING, OR OTHERWISE USING PYTHON, OR ANY DERIVATIVE THEREOF, EVEN IF ADVISED OF THE POSSIBILITY THEREOF.</p> <p>6. This License Agreement will automatically terminate upon a material</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>breach of its terms and conditions.</p> <p>7. Nothing in this License Agreement shall be deemed to create any relationship of agency, partnership, or joint venture between PSF and Licensee. This License Agreement does not grant permission to use PSF trademarks or trade name in a trademark sense to endorse or promote products or services of Licensee, or any third party.</p> <p>8. By copying, installing or otherwise using Python, Licensee agrees to be bound by the terms and conditions of this License Agreement.</p> <p>BEOPEN.COM LICENSE AGREEMENT FOR PYTHON 2.0<br/>-----</p> <p>BEOPEN PYTHON OPEN SOURCE LICENSE AGREEMENT VERSION 1</p> <p>1. This LICENSE AGREEMENT is between BeOpen.com ("BeOpen"), having an office at 160 Saratoga Avenue, Santa Clara, CA 95051, and the Individual or Organization ("Licensee") accessing and otherwise using this software in source or binary form and its associated documentation ("the Software").</p> <p>2. Subject to the terms and conditions of this BeOpen Python License Agreement, BeOpen hereby grants Licensee a non-exclusive, royalty-free, world-wide license to reproduce, analyze, test, perform and/or display publicly, prepare derivative works, distribute, and otherwise use the Software alone or in any derivative version, provided, however, that the BeOpen Python License is retained in the Software, alone or in any derivative version prepared by Licensee.</p> <p>3. BeOpen is making the Software available to Licensee on an "AS IS" basis. BEOPEN MAKES NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED. BY WAY OF EXAMPLE, BUT NOT LIMITATION, BEOPEN MAKES NO AND</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>DISCLAIMS ANY REPRESENTATION OR WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE OR THAT THE USE OF THE SOFTWARE WILL NOT INFRINGE ANY THIRD PARTY RIGHTS.</p> <p>4. BEOPEN SHALL NOT BE LIABLE TO LICENSEE OR ANY OTHER USERS OF THE SOFTWARE FOR ANY INCIDENTAL, SPECIAL, OR CONSEQUENTIAL DAMAGES OR LOSS AS A RESULT OF USING, MODIFYING OR DISTRIBUTING THE SOFTWARE, OR ANY DERIVATIVE THEREOF, EVEN IF ADVISED OF THE POSSIBILITY THEREOF.</p> <p>5. This License Agreement will automatically terminate upon a material breach of its terms and conditions.</p> <p>6. This License Agreement shall be governed by and interpreted in all respects by the law of the State of California, excluding conflict of law provisions. Nothing in this License Agreement shall be deemed to create any relationship of agency, partnership, or joint venture between BeOpen and Licensee. This License Agreement does not grant permission to use BeOpen trademarks or trade names in a trademark sense to endorse or promote products or services of Licensee, or any third party. As an exception, the "BeOpen Python" logos available at <a href="http://www.pythonlabs.com/logos.html">http://www.pythonlabs.com/logos.html</a> may be used according to the permissions granted on that web page.</p> <p>7. By copying, installing or otherwise using the software, Licensee agrees to be bound by the terms and conditions of this License Agreement.</p> <p>CNRI LICENSE AGREEMENT FOR PYTHON 1.6.1</p> <p>-----</p> <p>1. This LICENSE AGREEMENT is between the Corporation for National Research Initiatives, having an office at 1895 Preston White Drive,</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Reston, VA 20191 ("CNRI"), and the Individual or Organization</p> <p>("Licensee") accessing and otherwise using Python 1.6.1 software in</p> <p>source or binary form and its associated documentation.</p> <p>2. Subject to the terms and conditions of this License Agreement, CNRI</p> <p>hereby grants Licensee a nonexclusive, royalty-free, world-wide</p> <p>license to reproduce, analyze, test, perform and/or display publicly,</p> <p>prepare derivative works, distribute, and otherwise use Python 1.6.1</p> <p>alone or in any derivative version, provided, however, that CNRI's</p> <p>License Agreement and CNRI's notice of copyright, i.e., "Copyright (c)</p> <p>1995-2001 Corporation for National Research Initiatives; All Rights</p> <p>Reserved" are retained in Python 1.6.1 alone or in any derivative</p> <p>version prepared by Licensee. Alternately, in lieu of CNRI's License</p> <p>Agreement, Licensee may substitute the following text (omitting the</p> <p>quotes): "Python 1.6.1 is made available subject to the terms and</p> <p>conditions in CNRI's License Agreement. This Agreement together with</p> <p>Python 1.6.1 may be located on the Internet using the following</p> <p>unique, persistent identifier (known as a handle): 1895.22/1013. This</p> <p>Agreement may also be obtained from a proxy server on the Internet</p> <p>using the following URL: <a href="http://hdl.handle.net/1895.22/1013">http://hdl.handle.net/1895.22/1013</a>".</p> <p>3. In the event Licensee prepares a derivative work that is based on</p> <p>or incorporates Python 1.6.1 or any part thereof, and wants to make</p> <p>the derivative work available to others as provided herein, then</p> <p>Licensee hereby agrees to include in any such work a brief summary of</p> <p>the changes made to Python 1.6.1.</p> <p>4. CNRI is making Python 1.6.1 available to Licensee on an "AS IS"</p> <p>basis. CNRI MAKES NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>IMPLIED. BY WAY OF EXAMPLE, BUT NOT LIMITATION, CNRI MAKES NO AND</p> <p>DISCLAIMS ANY REPRESENTATION OR WARRANTY OF MERCHANTABILITY OR FITNESS</p> <p>FOR ANY PARTICULAR PURPOSE OR THAT THE USE OF PYTHON 1.6.1 WILL NOT</p> <p>INFRINGE ANY THIRD PARTY RIGHTS.</p> <p>5. CNRI SHALL NOT BE LIABLE TO LICENSEE OR ANY OTHER USERS OF PYTHON</p> <p>1.6.1 FOR ANY INCIDENTAL, SPECIAL, OR CONSEQUENTIAL DAMAGES OR LOSS AS</p> <p>A RESULT OF MODIFYING, DISTRIBUTING, OR OTHERWISE USING PYTHON 1.6.1,</p> <p>OR ANY DERIVATIVE THEREOF, EVEN IF ADVISED OF THE POSSIBILITY THEREOF.</p> <p>6. This License Agreement will automatically terminate upon a material</p> <p>breach of its terms and conditions.</p> <p>7. This License Agreement shall be governed by the federal intellectual property law of the United States, including without</p> <p>limitation the federal copyright law, and, to the extent such U.S. federal law does not apply, by the law of the Commonwealth of</p> <p>Virginia, excluding Virginia's conflict of law provisions. Notwithstanding the foregoing, with regard to derivative works based</p> <p>on Python 1.6.1 that incorporate non-separable material that was</p> <p>previously distributed under the GNU General Public License (GPL), the</p> <p>law of the Commonwealth of Virginia shall govern this License</p> <p>Agreement only as to issues arising under or with respect to Paragraphs 4, 5, and 7 of this License Agreement. Nothing in this</p> <p>License Agreement shall be deemed to create any relationship of</p> <p>agency, partnership, or joint venture between CNRI and Licensee. This</p> <p>License Agreement does not grant permission to use CNRI trademarks or</p> <p>trade name in a trademark sense to endorse or promote products or</p> <p>services of Licensee, or any third party.</p> <p>8. By clicking on the "ACCEPT" button where indicated, or by copying,</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>installing or otherwise using Python 1.6.1, Licensee agrees to be bound by the terms and conditions of this License Agreement.</p> <p>ACCEPT</p> <p>CWI LICENSE AGREEMENT FOR PYTHON 0.9.0 THROUGH 1.2</p> <p>-----</p> <p>Copyright (c) 1991 - 1995, Stichting Mathematisch Centrum Amsterdam, The Netherlands. All rights reserved.</p> <p>Permission to use, copy, modify, and distribute this software and its documentation for any purpose and without fee is hereby granted, provided that the above copyright notice appear in all copies and that both that copyright notice and this permission notice appear in supporting documentation, and that the name of Stichting Mathematisch Centrum or CWI not be used in advertising or publicity pertaining to distribution of the software without specific, written prior permission.</p> <p>STICHTING MATHEMATISCH CENTRUM DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE, INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS, IN NO EVENT SHALL STICHTING MATHEMATISCH CENTRUM BE LIABLE FOR ANY SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.</p> <p>=====</p> <p>-----</p> <p>+--- 4th party: wrapt</p> <p>Copyright (c) 2009 Daniel Neighman</p> <p>See <a href="#">Appendix G</a></p> <p>=====</p> <p>=====</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider                       | Component (s)               | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|--------------------------------|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| the original author or authors | springdoc-openapi-ui 1.6.11 | <p>=====</p> <p>===== The Apache License, Version 2.0 for org.springdoc » springdoc-openapi-ui »=====</p> <p>Apache License, version 2.0 - See <a href="#">Appendix E</a></p> <p>-----</p> <p>-----</p> <p>===== The Apache License, Version 2.0 org.springframework.boot » spring-boot-starter-actuator=====</p> <p>Apache License, version 2.0 - See <a href="#">Appendix E</a></p> <p>=====EPL 2.0 License for jakarta.servlet » jakarta.servlet-api » 4.0.4=====</p> <p><a href="#">Eclipse Public License - v 2.0</a></p> <p>=====GNU License for jakarta.servlet » jakarta.servlet-api »=====</p> <p>=====</p> <p>Classpath::License</p> <p>Classpath is distributed under the terms of the GNU General Public License with the following clarification and special exception.</p> <p>Linking this library statically or dynamically with other modules is making a combined work based on this library. Thus, the terms and conditions of the GNU General Public License cover the whole combination.</p> <p>As a special exception, the copyright holders of this library give you permission to link this library with independent modules to produce an executable, regardless of the license terms of these independent modules, and to copy and distribute the resulting executable under terms of your choice, provided that you also meet, for each linked independent module, the terms and conditions of the license of that module. An independent module is a module which is not derived from or based on this library. If you modify this library, you may extend this exception to your version of the library, but you are not obligated to do so. If you do not wish to do so, delete this exception statement from your version.</p> <p>As such, it can be used to run, create and distribute a large class of applications and applets. When GNU Classpath is used unmodified as the core class library for a virtual machine, compiler for the java language, or for a program written in the java programming language it does not affect the licensing for distributing those programs directly.</p> <p>Classpath::Documentation Redistribution Policy</p> <p>GNU Documentation is unique because of our attitude towards it. We believe the reader should be free to copy and redistribute it, just like our software. Originally, all our documentation was released under a short Copyleft license, or under the GNU General Public License (GPL) itself; in</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>2001 the Free Documentation License (FDL) was created to address certain needs that were not met by licenses originally designed for software.</p> <p>TOP-LEVEL COPYRIGHT NOTICE for org.springdoc » springdoc-openapi-ui</p> <p>-----separator-----</p> <p>TOP-LEVEL LICENSE TEXT for org.springdoc:springdoc-openapi-ui</p> <p>Apache License, version 2.0 - See <a href="#">Appendix E</a></p> <p>-----separator-----</p> <p>FOURTH-PARTY DEPENDENCY #1<br/>org.springdoc:springdoc-openapi-ui:1.6.4</p> <p>FOURTH-PARTY DEPENDENCY #2<br/>org.springdoc:springdoc-openapi-webmvc-core:1.6.4</p> <p>FOURTH-PARTY DEPENDENCY #3<br/>org.springdoc:springdoc-openapi-common:1.6.4</p> <p>COMMON LICENSE TEXT</p> <p>Same as TEXT mentioned under TOP-LEVEL License Text</p> <p>-----separator-----</p> <p>FOURTH-PARTY DEPENDENCY #4<br/>org.springframework.boot:spring-boot-autoconfigure</p> <p>FOURTH-PARTY DEPENDENCY #5<br/>org.springframework:spring-web</p> <p>FOURTH-PARTY DEPENDENCY #6<br/>org.springframework:spring-webmvc</p> <p>Copyright (c) 2012-2021 Pivotal, Inc.</p> <p>COMMON LICENSE TEXT</p> <p>Same as TEXT mentioned under TOP-LEVEL License Text</p> <p>-----separator-----</p> <p>FOURTH-PARTY DEPENDENCY #7<br/>io.swagger.core.v3:swagger-annotations</p> <p>FOURTH-PARTY DEPENDENCY #8<br/>io.swagger.core.v3:swagger-models</p> <p>FOURTH-PARTY DEPENDENCY #9<br/>io.swagger.core.v3:swagger-core</p> <p>/**</p> <p>* Copyright 2017 SmartBear Software</p> <p>* &lt;p&gt;</p> <p>* Licensed under the Apache License, Version 2.0 (the "License");</p> <p>* you may not use this file except in compliance with the License.</p> <p>* You may obtain a copy of the License at</p> <p>* &lt;p&gt;</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>* <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>* &lt;p&gt;</p> <p>* Unless required by applicable law or agreed to in writing, software</p> <p>* distributed under the License is distributed on an "AS IS" BASIS,</p> <p>* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.</p> <p>* See the License for the specific language governing permissions and</p> <p>* limitations under the License.</p> <p>*/</p> <p>COMMON LICENSE TEXT</p> <p>Same as TEXT mentioned under TOP-LEVEL License Text</p> <p>-----separator-----</p> <p>FOURTH-PARTY DEPENDENCY #10<br/>com.fasterxml.jackson.core:jackson-annotations</p> <p>FOURTH-PARTY DEPENDENCY #11<br/>com.fasterxml.jackson.core:jackson-core</p> <p>FOURTH-PARTY DEPENDENCY #12<br/>com.fasterxml.jackson.core:jackson-databind</p> <p>FOURTH-PARTY DEPENDENCY #13<br/>com.fasterxml.jackson.dataformat:jackson-dataformat-yaml</p> <p>FOURTH-PARTY DEPENDENCY #14<br/>com.fasterxml.jackson.datatype:jackson-datatype-jsr310</p> <p>FOURTH-PARTY DEPENDENCY #15<br/>com.fasterxml.jackson:jackson-bom</p> <p>Copyright ©2009-2011 FasterXML, LLC</p> <p>NOTICE</p> <p># Jackson JSON processor</p> <p>Jackson is a high-performance, Free/Open Source JSON processing library.</p> <p>It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007.</p> <p>It is currently developed by a community of developers.</p> <p>## Licensing</p> <p>Jackson 2.x core and extension components are licensed under Apache License 2.0</p> <p>To find the details that apply to this artifact see the accompanying LICENSE file.</p> <p>## Credits</p> <p>A list of contributors may be found from CREDITS(-2.x) file, which is included</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>in some artifacts (usually source distributions); but is always available from the source code management (SCM) system project uses.</p> <p>Same as TEXT mentioned under TOP-LEVEL License Text</p> <p>-----separator-----</p> <p>FOURTH-PARTY DEPENDENCY #18 org.slf4j:slf4j-api</p> <p>Copyright (c) 2004-2017 QOS.ch</p> <p>All rights reserved.</p> <p>See <a href="#">Appendix G</a></p> <p>-----separator-----</p> <p>FOURTH-PARTY DEPENDENCY #18 org.yaml:snakeyaml</p> <p>Copyright (c) 2008-2010 Andrey Somov</p> <p>Same as TEXT mentioned under TOP-LEVEL License Text</p> <p>-----separator-----</p> <p>FOURTH-PARTY DEPENDENCY #19 org.webjars:swagger-ui</p> <p>FOURTH-PARTY DEPENDENCY #20 org.webjars:webjars-locator-core</p> <p>Same as TEXT mentioned under TOP-LEVEL License Text</p> <p>----- Notice -----</p> <p>swagger-ui</p> <p>Copyright 2020-2021 SmartBear Software Inc.</p> <p>-----separator-----</p> <p>FOURTH-PARTY DEPENDENCY #21</p> <p>io.github.classgraph:classgraph</p> <p>MIT License See <a href="#">Appendix G</a></p> <p>-----separator-----</p> <p>FOURTH-PARTY DEPENDENCY #22</p> <p>org.apache.commons:commons-lang3:3.7</p> <p>Same as TEXT mentioned under TOP-LEVEL License Text</p> <p>-----NOTICE-----</p> <p>Apache Commons Lang</p> <p>Copyright 2001-2021 The Apache Software Foundation</p> <p>This product includes software developed at</p> <p>The Apache Software Foundation (<a href="https://www.apache.org/">https://www.apache.org/</a>).</p> <p>-----separator-----</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider              | Component (s)                        | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-----------------------|--------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Pivotal Software, Inc | spring-boot-starter-validation 2.7.4 | <p>Top Level Component Copyright:</p> <p>=====</p> <p>Spring Boot</p> <p>Copyright (c) 2012-2022 Pivotal, Inc.</p> <p>This product is licensed to you under the Apache License, Version 2.0 (the "License"). You may not use this product except in compliance with the License.</p> <p>=====</p> <p>=====</p> <p>org.springframework.boot:spring-boot-starter-validation:</p> <p>License: Apache License Version 2.0</p> <p>License: [0]</p> <p>Copyright Notice</p> <p>=====</p> <p>=====</p> <p>/*</p> <p>* Copyright 2012-2022 Pivotal, Inc.</p> <p>*</p> <p>* Licensed under the Apache License, Version 2.0 (the "License");</p> <p>* you may not use this file except in compliance with the License.</p> <p>* You may obtain a copy of the License at</p> <p>*</p> <p>* <a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a></p> <p>*</p> <p>* Unless required by applicable law or agreed to in writing, software</p> <p>* distributed under the License is distributed on an "AS IS" BASIS,</p> <p>* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.</p> <p>* See the License for the specific language governing permissions and</p> <p>* limitations under the License.</p> <p>*/</p> <p>=====</p> <p>=====</p> <p>Reference [0]</p> <p>Apache License, version 2.0 - See <a href="#">Appendix E</a></p> <p>----- NOTICE -----</p> <p>Spring Boot</p> <p>Copyright (c) 2012-2021 Pivotal, Inc.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>This product is licensed to you under the Apache License, Version 2.0 (the "License"). You may not use this product except in compliance with the License.</p> <p>----- NOTICE -----</p> <p>Spring Framework</p> <p>Spring Framework</p> <p>Copyright (c) 2002-2022 Pivotal, Inc.</p> <p>This product is licensed to you under the Apache License, Version 2.0 (the "License"). You may not use this product except in compliance with the License.</p> <p>This product may include a number of subcomponents with separate copyright notices and license terms. Your use of the source code for these subcomponents is subject to the terms and conditions of the subcomponent's license, as noted in the license.txt file.</p> <p>-----</p> <p>Fourth party Dependencies:</p> <p>org.springframework.boot:spring-boot-starter:</p> <p>org.springframework.boot:spring-boot:</p> <p>org.springframework:spring-core:</p> <p>org.springframework:spring-jcl:</p> <p>org.springframework:spring-context:jar:</p> <p>org.springframework:spring-aop:jar:</p> <p>org.springframework:spring-beans:jar:</p> <p>org.springframework:spring-expression:jar:</p> <p>org.springframework.boot:spring-boot-autoconfigure:</p> <p>org.springframework.boot:spring-boot-actuator-autoconfigure:</p> <p>org.springframework.boot:spring-boot-actuator:</p> <p>License: Apache License Version 2.0</p> <p>License: [0]</p> <p>-----</p> <p>org.springframework.boot:spring-boot-starter:</p> <p>Copyright Notice</p> <p>=====</p> <p>/*</p> <p>* Copyright 2012-2022 Pivotal, Inc.</p> <p>*</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>* Licensed under the Apache License, Version 2.0 (the "License");/<br/> * you may not use this file except in compliance with the License.<br/> * You may obtain a copy of the License at<br/> *<br/> * <a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a><br/> *<br/> * Unless required by applicable law or agreed to in writing, software<br/> * distributed under the License is distributed on an "AS IS" BASIS,<br/> * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.<br/> * See the License for the specific language governing permissions and<br/> * limitations under the License.<br/> */</p> <p>-----<br/> org.springframework.boot:spring-boot:<br/> Copyright Notice<br/> =====</p> <p>/*<br/> * Copyright 2012-2022 Pivotal, Inc.<br/> *<br/> * Licensed under the Apache License, Version 2.0 (the "License");/<br/> * you may not use this file except in compliance with the License.<br/> * You may obtain a copy of the License at<br/> *<br/> * <a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a><br/> *<br/> * Unless required by applicable law or agreed to in writing, software<br/> * distributed under the License is distributed on an "AS IS" BASIS,<br/> * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.<br/> * See the License for the specific language governing permissions and<br/> * limitations under the License.<br/> */</p> <p>-----<br/> org.springframework:spring-core:<br/> Copyright Notice</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <pre> ===== /*  * Copyright 2012-2022 Pivotal, Inc.  *  * Licensed under the Apache License, Version 2.0 (the  * "License");  * you may not use this file except in compliance with the  * License.  * You may obtain a copy of the License at  *  * https://www.apache.org/licenses/LICENSE-2.0  *  * Unless required by applicable law or agreed to in writing,  * software  * distributed under the License is distributed on an "AS IS"  * BASIS,  * WITHOUT WARRANTIES OR CONDITIONS OF ANY  * KIND, either express or implied.  * See the License for the specific language governing  * permissions and  * limitations under the License.  */ ----- org.springframework:spring-jcl: Copyright Notice ===== /*  * Copyright 2012-2022 Pivotal, Inc.  *  * Licensed under the Apache License, Version 2.0 (the  * "License");  * you may not use this file except in compliance with the  * License.  * You may obtain a copy of the License at  *  * https://www.apache.org/licenses/LICENSE-2.0  *  * Unless required by applicable law or agreed to in writing,  * software  * distributed under the License is distributed on an "AS IS"  * BASIS,  * WITHOUT WARRANTIES OR CONDITIONS OF ANY  * KIND, either express or implied.  * See the License for the specific language governing  * permissions and </pre> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>* limitations under the License.<br/>*/</p> <p>-----</p> <p>org.springframework:spring-context:jar:<br/>Copyright Notice</p> <p>=====</p> <p>=====</p> <p>/*</p> <p>* Copyright 2012-2022 Pivotal, Inc.</p> <p>*</p> <p>* Licensed under the Apache License, Version 2.0 (the<br/>"License");</p> <p>* you may not use this file except in compliance with the<br/>License.</p> <p>* You may obtain a copy of the License at</p> <p>*</p> <p>* <a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a></p> <p>*</p> <p>* Unless required by applicable law or agreed to in writing,<br/>software</p> <p>* distributed under the License is distributed on an "AS IS"<br/>BASIS,</p> <p>* WITHOUT WARRANTIES OR CONDITIONS OF ANY<br/>KIND, either express or implied.</p> <p>* See the License for the specific language governing<br/>permissions and</p> <p>* limitations under the License.<br/>*/</p> <p>-----</p> <p>org.springframework:spring-aop:jar:<br/>Copyright Notice</p> <p>=====</p> <p>=====</p> <p>/*</p> <p>* Copyright 2012-2022 Pivotal, Inc.</p> <p>*</p> <p>* Licensed under the Apache License, Version 2.0 (the<br/>"License");</p> <p>* you may not use this file except in compliance with the<br/>License.</p> <p>* You may obtain a copy of the License at</p> <p>*</p> <p>* <a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a></p> <p>*</p> <p>* Unless required by applicable law or agreed to in writing,<br/>software</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>* distributed under the License is distributed on an "AS IS" BASIS,<br/> * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.<br/> * See the License for the specific language governing permissions and<br/> * limitations under the License.<br/> */<br/> -----<br/> org.springframework:spring-beans:jar:<br/> Copyright Notice<br/> =====</p> <p>/*<br/> * Copyright 2012-2022 Pivotal, Inc.<br/> *<br/> * Licensed under the Apache License, Version 2.0 (the "License");/<br/> * you may not use this file except in compliance with the License.<br/> * You may obtain a copy of the License at<br/> *<br/> * <a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a><br/> *<br/> * Unless required by applicable law or agreed to in writing, software<br/> distributed under the License is distributed on an "AS IS" BASIS,<br/> * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.<br/> * See the License for the specific language governing permissions and<br/> * limitations under the License.<br/> */<br/> -----<br/> org.springframework:spring-expression:jar:<br/> Copyright Notice<br/> =====</p> <p>/*<br/> * Copyright 2012-2022 Pivotal, Inc.<br/> *<br/> * Licensed under the Apache License, Version 2.0 (the "License");/<br/> * you may not use this file except in compliance with the License.<br/> * You may obtain a copy of the License at</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>*<br/> * <a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a><br/> *<br/> * Unless required by applicable law or agreed to in writing, software<br/> * distributed under the License is distributed on an "AS IS" BASIS,<br/> * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.<br/> * See the License for the specific language governing permissions and<br/> * limitations under the License.<br/> */<br/> -----<br/> org.springframework.boot:spring-boot-autoconfigure:<br/> Copyright Notice<br/> =====</p> <p>/*<br/> * Copyright 2012-2022 Pivotal, Inc.<br/> *<br/> * Licensed under the Apache License, Version 2.0 (the "License");<br/> * you may not use this file except in compliance with the License.<br/> * You may obtain a copy of the License at<br/> *<br/> * <a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a><br/> *<br/> * Unless required by applicable law or agreed to in writing, software<br/> * distributed under the License is distributed on an "AS IS" BASIS,<br/> * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.<br/> * See the License for the specific language governing permissions and<br/> * limitations under the License.<br/> */<br/> -----<br/> org.springframework.boot:spring-boot-actuator-autoconfigure:<br/> Copyright Notice<br/> =====</p> <p>/*<br/> * Copyright 2012-2022 Pivotal, Inc.</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>*<br/> * Licensed under the Apache License, Version 2.0 (the "License");/<br/> * you may not use this file except in compliance with the License.<br/> * You may obtain a copy of the License at<br/> *<br/> * <a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a><br/> *<br/> * Unless required by applicable law or agreed to in writing, software<br/> * distributed under the License is distributed on an "AS IS" BASIS,<br/> * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.<br/> * See the License for the specific language governing permissions and<br/> * limitations under the License.<br/> */<br/> -----<br/> org.springframework.boot:spring-boot-actuator:<br/> Copyright Notice<br/> =====</p> <p>/*<br/> * Copyright 2012-2022 Pivotal, Inc.<br/> *<br/> * Licensed under the Apache License, Version 2.0 (the "License");/<br/> * you may not use this file except in compliance with the License.<br/> * You may obtain a copy of the License at<br/> *<br/> * <a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a><br/> *<br/> * Unless required by applicable law or agreed to in writing, software<br/> * distributed under the License is distributed on an "AS IS" BASIS,<br/> * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.<br/> * See the License for the specific language governing permissions and<br/> * limitations under the License.<br/> */<br/> ----- (separator) -----<br/> logback:logback-core</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>logback:logback-classic</p> <p>Logback: the reliable, generic, fast and flexible logging framework.</p> <p>Copyright (C) 1999-2015, QOS.ch. All rights reserved.</p> <p>This program and the accompanying materials are dual-licensed under either the terms of the Eclipse Public License v1.0 as published by the Eclipse Foundation</p> <p>or (per the licensee's choosing)</p> <p>under the terms of the GNU Lesser General Public License version 2.1 as published by the Free Software Foundation.</p> <p>-----</p> <p>Eclipse Public License - v 1.0 See <a href="#">Appendix J</a></p> <p>----- (separator) -----</p> <p>org.slf4j:slf4j-api</p> <p>jul-to-slf4j</p> <p>MIT License See <a href="#">Appendix G</a></p> <p>----- (separator) -----</p> <p>org.apache.logging.log4j:log4j-api:</p> <p>License: Apache License, Version 2.0</p> <p>Text of License: [0]</p> <p>Copyright:</p> <p>=====</p> <p>=====</p> <p>Apache Log4j API</p> <p>Copyright 1999-2022 The Apache Software Foundation</p> <p>This product includes software developed at The Apache Software Foundation (<a href="http://www.apache.org/">http://www.apache.org/</a>).</p> <p>----- (separator) -----</p> <p>org.apache.logging.log4j:log4j-to-slf4j</p> <p>License: Apache License</p> <p>License text: [0]</p> <p>Apache Log4j</p> <p>Copyright 1999-2019 Apache Software Foundation</p> <p>This product includes software developed at The Apache Software Foundation (<a href="http://www.apache.org/">http://www.apache.org/</a>).</p> <p>ResolverUtil.java</p> <p>Copyright 2005-2006 Tim Fennell</p> <p>Dumbster SMTP test server</p> <p>Copyright 2004 Jason Paul Kitchen</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>TypeUtil.java</p> <p>Copyright 2002-2012 Ramnivas Laddad, Juergen Hoeller, Chris Beams</p> <p>picocli (<a href="http://picocli.info">http://picocli.info</a>)</p> <p>Copyright 2017 Remko Popma</p> <p>------(separator)-----</p> <p>spring-boot-starter-logging</p> <p>License: Apache License</p> <p>License text: [0]</p> <p>Copyright (c) 2012-2022 Pivotal, Inc.</p> <p>This product is licensed to you under the Apache License, Version 2.0</p> <p>(the "License"). You may not use this product except in compliance with the License.</p> <p>------(separator)-----</p> <p>jakarta.annotation:jakarta.annotation-api:</p> <p>License: Eclipse Public License Version 2.0 + GPL2 with Classpath Exception</p> <p>=====</p> <p>=====</p> <p>Reference</p> <p><a href="#">Eclipse Public License - v 2.0</a></p> <p>GNU General Public License, Version 2 (GPL v2) - See <a href="#">Appendix A</a></p> <p>---</p> <p>## CLASSPATH EXCEPTION</p> <p>Linking this library statically or dynamically with other modules is</p> <p>making a combined work based on this library. Thus, the terms and</p> <p>conditions of the GNU General Public License version 2 cover the whole</p> <p>combination.</p> <p>As a special exception, the copyright holders of this library give you</p> <p>permission to link this library with independent modules to produce an</p> <p>executable, regardless of the license terms of these independent</p> <p>modules, and to copy and distribute the resulting executable under</p> <p>terms of your choice, provided that you also meet, for each linked</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>independent module, the terms and conditions of the license of that module. An independent module is a module which is not derived from or based on this library. If you modify this library, you may extend this exception to your version of the library, but you are not obligated to do so. If you do not wish to do so, delete this exception statement from your version.</p> <p>=====</p> <p>=====</p> <p>Copyright:</p> <p>=====</p> <p>=====</p> <p>Text of Copyright</p> <p>Copyright (c) 2012, 2021 Oracle and/or its affiliates. All rights reserved.</p> <p>This program and the accompanying materials are made available under the terms of the Eclipse Public License v. 2.0, which is available at <a href="http://www.eclipse.org/legal/epl-2.0">http://www.eclipse.org/legal/epl-2.0</a>.</p> <p>This Source Code may also be made available under the following Secondary Licenses when the conditions for such availability set forth in the Eclipse Public License v. 2.0 are satisfied: GNU General Public License, version 2 with the GNU Classpath Exception, which is available at <a href="https://www.gnu.org/software/classpath/license.html">https://www.gnu.org/software/classpath/license.html</a>.</p> <p>SPDX-License-Identifier: EPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0</p> <p>All content is the property of the respective authors or their employers. For more information regarding authorship of content, please consult the listed source code repository logs.</p> <p>Notice:</p> <p>-----</p> <p># Notices for Jakarta Annotations</p> <p>This content is produced and maintained by the Jakarta Annotations project.</p> <p>* Project home: <a href="https://projects.eclipse.org/projects/ee4j.ca">https://projects.eclipse.org/projects/ee4j.ca</a></p> <p>## Trademarks</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Jakarta Annotations is a trademark of the Eclipse Foundation.</p> <p>## Declared Project Licenses</p> <p>This program and the accompanying materials are made available under the terms of the Eclipse Public License v. 2.0 which is available at <a href="http://www.eclipse.org/legal/epl-2.0">http://www.eclipse.org/legal/epl-2.0</a>. This Source Code may also be made available under the following Secondary Licenses when the conditions for such availability set forth in the Eclipse Public License v. 2.0 are satisfied: GNU General Public License, version 2 with the GNU Classpath Exception which is available at <a href="https://www.gnu.org/software/classpath/license.html">https://www.gnu.org/software/classpath/license.html</a>.</p> <p>SPDX-License-Identifier: EPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0</p> <p>## Source Code</p> <p>The project maintains the following source code repositories:</p> <p>* <a href="https://github.com/eclipse-ee4j/common-annotations-api">https://github.com/eclipse-ee4j/common-annotations-api</a></p> <p>## Third-party Content</p> <p>## Cryptography</p> <p>Content may contain encryption software. The country in which you are currently may have restrictions on the import, possession, and use, and/or re-export to another country, of encryption software. BEFORE using any encryption software, please check the country's laws, regulations and policies concerning the import, possession, or use, and re-export of encryption software, to see if this is permitted.</p> <p>------(separator)-----</p> <p>org.yaml:snakeyaml:</p> <p>License: Apache License Version 2.0 ( <a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a>)</p> <p>Text of License: [0]</p> <p>Copyright:</p> <p>=====</p> <p>=====</p> <p>Copyright (c) 2008, <a href="http://www.snakeyaml.org">http://www.snakeyaml.org</a></p> <p>Licensed under the Apache License, Version 2.0 (the "License");</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>you may not use this file except in compliance with the License.</p> <p>You may obtain a copy of the License at</p> <p><a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.</p> <p>See the License for the specific language governing permissions and limitations under the License.</p> <p>------(separator)-----</p> <p>org.apache.tomcat.embed:tomcat-embed-el:</p> <p>License: Apache License Version 2.0</p> <p>Text of License: [0]</p> <p>Copyright:</p> <p>Apache Tomcat</p> <p>Copyright 1999-2022 The Apache Software Foundation</p> <p>This product includes software developed at The Apache Software Foundation (<a href="https://www.apache.org/">https://www.apache.org/</a>).</p> <p>This software contains code derived from netty-native developed by the Netty project (<a href="https://netty.io">https://netty.io</a>, <a href="https://github.com/netty/netty-tcnative/">https://github.com/netty/netty-tcnative/</a>) and from finagle-native developed at Twitter (<a href="https://github.com/twitter/finagle">https://github.com/twitter/finagle</a>).</p> <p>This software contains code derived from jgroups-kubernetes developed by the JGroups project (<a href="http://www.jgroups.org/">http://www.jgroups.org/</a>).</p> <p>Java compilation software for JSP pages is provided by the Eclipse JDT Core Batch Compiler component, which is open source software.</p> <p>The original software and related information is available at <a href="https://www.eclipse.org/jdt/core/">https://www.eclipse.org/jdt/core/</a>.</p> <p>org.apache.tomcat.util.json.JSONParser.jj is a public domain javacc grammar for JSON written by Robert Fischer.</p> <p><a href="https://github.com/RobertFischer/json-parser">https://github.com/RobertFischer/json-parser</a></p> <p>For portions of the Tomcat JNI OpenSSL API and the OpenSSL JSSE integration</p> <p>The org.apache.tomcat.jni and the org.apache.tomcat.net.openssl packages</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>are derivative work originating from the Netty project and the finagle-native project developed at Twitter</p> <p>* Copyright 2014 The Netty Project</p> <p>* Copyright 2014 Twitter</p> <p>For portions of the Tomcat cloud support</p> <p>The org.apache.catalina.tribes.membership.cloud package contains derivative work originating from the jgroups project.</p> <p><a href="https://github.com/jgroups-extras/jgroups-kubernetes">https://github.com/jgroups-extras/jgroups-kubernetes</a></p> <p>Copyright 2002-2018 Red Hat Inc.</p> <p>The original XML Schemas for Java EE Deployment Descriptors:</p> <ul style="list-style-type: none"> <li>- javaee_5.xsd</li> <li>- javaee_web_services_1_2.xsd</li> <li>- javaee_web_services_client_1_2.xsd</li> <li>- javaee_6.xsd</li> <li>- javaee_web_services_1_3.xsd</li> <li>- javaee_web_services_client_1_3.xsd</li> <li>- jsp_2_2.xsd</li> <li>- web-app_3_0.xsd</li> <li>- web-common_3_0.xsd</li> <li>- web-fragment_3_0.xsd</li> <li>- javaee_7.xsd</li> <li>- javaee_web_services_1_4.xsd</li> <li>- javaee_web_services_client_1_4.xsd</li> <li>- jsp_2_3.xsd</li> <li>- web-app_3_1.xsd</li> <li>- web-common_3_1.xsd</li> <li>- web-fragment_3_1.xsd</li> <li>- javaee_8.xsd</li> <li>- web-app_4_0.xsd</li> <li>- web-common_4_0.xsd</li> <li>- web-fragment_4_0.xsd</li> </ul> <p>may be obtained from:</p> <p><a href="http://www.oracle.com/webfolder/technetwork/jsc/xml/ns/javaee/index.html">http://www.oracle.com/webfolder/technetwork/jsc/xml/ns/javaee/index.html</a></p> <p>------(separator)-----</p> <p>NAME OF DEPENDENCY -</p> <p>org.hibernate.validator:hibernate-validator:</p> <p>License: Apache License Version 2.0</p> <p>JBoss, Home of Professional Open Source</p> <p>Copyright 2011, Red Hat, Inc. and/or its affiliates, and individual contributors by the @authors tag.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>See the copyright.txt in the distribution for a full listing of individual contributors.</p> <p>=====</p> <p>=====</p> <p>/*</p> <p>* Hibernate Validator, declare and validate application constraints</p> <p>*</p> <p>* License: Apache License, Version 2.0</p> <p>* See the license.txt file in the root directory or .</p> <p>*/</p> <p>------(separator)-----</p> <p>NAME OF DEPENDENCY -<br/>jakarta.validation:jakarta.validation-api:</p> <p>License: Apache License Version 2.0</p> <p>Text of License: [0]</p> <p>Copyright Notice</p> <p>=====</p> <p>=====</p> <p>/*</p> <p>* Copyright 2012-2022 Red Hat, Inc.</p> <p>*</p> <p>* Licensed under the Apache License, Version 2.0 (the "License");</p> <p>* you may not use this file except in compliance with the License.</p> <p>* You may obtain a copy of the License at</p> <p>*</p> <p>* <a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a></p> <p>*</p> <p>* Unless required by applicable law or agreed to in writing, software</p> <p>* distributed under the License is distributed on an "AS IS" BASIS,</p> <p>* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.</p> <p>* See the License for the specific language governing permissions and</p> <p>* limitations under the License.</p> <p>*/</p> <p>Notice:</p> <p>-----</p> <p># Notices for Eclipse Jakarta Bean Validation</p> <p>This content is produced and maintained by the Eclipse Jakarta Bean Validation project.</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>* Project home: <a href="https://projects.eclipse.org/projects/ee4j.bean-validation">https://projects.eclipse.org/projects/ee4j.bean-validation</a></p> <p>## Trademarks</p> <p>Jakarta Bean Validation is a trademark of the Eclipse Foundation.</p> <p>## Copyright</p> <p>All content is the property of the respective authors or their employers. For more information regarding authorship of content, please consult the listed source code repository logs.</p> <p>## Declared Project Licenses</p> <p>This program and the accompanying materials are made available under the terms of the Apache License, Version 2.0 which is available at <a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a>.</p> <p>SPDX-License-Identifier: Apache-2.0</p> <p>## Source Code</p> <p>The project maintains the following source code repositories:</p> <p>* [The specification repository](<a href="https://github.com/eclipse-ee4j/beanvalidation-spec">https://github.com/eclipse-ee4j/beanvalidation-spec</a>)</p> <p>* [The API repository](<a href="https://github.com/eclipse-ee4j/beanvalidation-api">https://github.com/eclipse-ee4j/beanvalidation-api</a>)</p> <p>* [The TCK repository](<a href="https://github.com/eclipse-ee4j/beanvalidation-tck">https://github.com/eclipse-ee4j/beanvalidation-tck</a>)</p> <p>## Third-party Content</p> <p>This project leverages the following third party content.</p> <p>Test dependencies:</p> <p>* [TestNG](<a href="https://github.com/cbeust/testng">https://github.com/cbeust/testng</a>) - Apache License 2.0</p> <p>* [JCommander](<a href="https://github.com/cbeust/jcommander">https://github.com/cbeust/jcommander</a>) - Apache License 2.0</p> <p>* [SnakeYAML](<a href="https://bitbucket.org/asomov/snakeyaml/src">https://bitbucket.org/asomov/snakeyaml/src</a>) - Apache License 2.0</p> <p>------(separator)-----</p> <p>NAME OF DEPENDENCY - org.jboss.logging:jboss-logging:<br/>License: Apache License Version 2.0<br/>Text of License: [0]</p> <p>Copyright:</p> <p>=====</p> <p>/*</p> <p>* JBoss, Home of Professional Open Source.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>* Copyright 2014 Red Hat, Inc., and individual contributors<br/> * as indicated by the @author tags.<br/> *<br/> * Licensed under the Apache License, Version 2.0 (the<br/> "License");<br/> * you may not use this file except in compliance with the<br/> License.<br/> * You may obtain a copy of the License at<br/> *<br/> * <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a><br/> *<br/> * Unless required by applicable law or agreed to in writing,<br/> software<br/> * distributed under the License is distributed on an "AS IS"<br/> BASIS,<br/> * WITHOUT WARRANTIES OR CONDITIONS OF ANY<br/> KIND, either express or implied.<br/> * See the License for the specific language governing<br/> permissions and<br/> * limitations under the License.<br/> */<br/> =====</p> <p>------(separator)-----</p> <p>NAME OF DEPENDENCY - com.fasterxml:classmate:jar<br/> License: Apache License Version 2.0<br/> License: [0]<br/> Copyright:<br/> =====</p> <p>Copyright: (C) FasterXML, LLC and Tatu Saloranta<br/> Java ClassMate library was originally written by Tatu<br/> Saloranta (tatu.saloranta@iki.fi)<br/> Other developers who have contributed code are:<br/> * Brian Langel</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider              | Component (s)                                                      | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-----------------------|--------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Pivotal Software, Inc | spring-boot-starter-cache 2.6.7<br>spring-boot-starter-cache 2.7.1 | <p>Top Level Component Copyright:</p> <p>-----</p> <p>---</p> <p>Spring Boot</p> <p>Copyright (c) 2012-2022 Pivotal, Inc.</p> <p>This product is licensed to you under the Apache License, Version 2.0</p> <p>(the "License"). You may not use this product except in compliance with the License.</p> <p>=====</p> <p>=====</p> <p>org.springframework.boot:spring-boot-starter-cache</p> <p>License : Apache License Version 2.0</p> <p>Copyright 2002-2022 Pivotal, Inc.</p> <p>Licensed under the Apache License, Version 2.0 (the "License");</p> <p>you may not use this file except in compliance with the License.</p> <p>You may obtain a copy of the License at</p> <p><a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Unless required by applicable law or agreed to in writing, software</p> <p>distributed under the License is distributed on an "AS IS" BASIS,</p> <p>WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.</p> <p>See the License for the specific language governing permissions and</p> <p>limitations under the License.</p> <p>License text : [0] in License reference.</p> <p>----- NOTICE -----</p> <p>Spring Boot</p> <p>Copyright (c) 2012-2022 Pivotal, Inc.</p> <p>This product is licensed to you under the Apache License, Version 2.0</p> <p>(the "License"). You may not use this product except in compliance with the License.</p> <p>=====</p> <p>=====</p> <p>=====</p> <p>Fourth-Party Dependencies</p> <p>org.springframework.boot spring-boot</p> <p>org.springframework.boot spring-boot-autoconfigure</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>org.springframework.boot spring-boot-starter<br/>org.springframework.boot spring-boot-starter-logging<br/>License : Apache License Version 2.0 [0]<br/>Common Copyright:<br/>Copyright 2002-2022 Pivotal, Inc.<br/>Licensed under the Apache License, Version 2.0 (the "License");<br/>you may not use this file except in compliance with the License.<br/>You may obtain a copy of the License at<br/><a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a><br/>Unless required by applicable law or agreed to in writing, software<br/>distributed under the License is distributed on an "AS IS" BASIS,<br/>WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.<br/>See the License for the specific language governing permissions and<br/>limitations under the License.</p> <p>-----</p> <p>Notices:<br/>Spring Boot<br/>Copyright (c) 2012-2022 Pivotal, Inc.<br/>This product is licensed to you under the Apache License, Version 2.0<br/>(the "License"). You may not use this product except in compliance with<br/>the License.</p> <p>=====</p> <p>=====</p> <p>=====</p> <p>Fourth-Party Dependencies<br/>org.springframework spring-aop<br/>org.springframework spring-beans<br/>org.springframework spring-context<br/>org.springframework spring-context-support<br/>org.springframework spring-core<br/>org.springframework spring-expression<br/>org.springframework spring-jcl<br/>License : Apache License Version 2.0 [0]<br/>Common Copyright:<br/>Copyright 2002-2022 Pivotal, Inc.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Licensed under the Apache License, Version 2.0 (the "License");<br/>you may not use this file except in compliance with the License.<br/>You may obtain a copy of the License at<br/><a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a><br/>Unless required by applicable law or agreed to in writing, software<br/>distributed under the License is distributed on an "AS IS" BASIS,<br/>WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.<br/>See the License for the specific language governing permissions and<br/>limitations under the License.</p> <p>-----</p> <p>Notices:</p> <p>Spring Framework<br/>Copyright (c) 2002-2022 Pivotal, Inc.</p> <p>This product is licensed to you under the Apache License, Version 2.0<br/>(the "License"). You may not use this product except in compliance with<br/>the License.</p> <p>This product may include a number of subcomponents with separate<br/>copyright notices and license terms. Your use of the source code for<br/>these subcomponents is subject to the terms and conditions of the<br/>subcomponent's license, as noted in the license.txt file.</p> <p>=====</p> <p>=====</p> <p>=====</p> <p>Fourth-Party Dependencies</p> <p>org.apache.logging.log4j log4j-api<br/>org.apache.logging.log4j log4j-to-slf4j<br/>License : Apache License Version 2.0 [0]</p> <p>Common Copyright Notice<br/>Copyright 1999-2022 The Apache Software Foundation</p> <p>Licensed under the Apache License, Version 2.0 (the "License");<br/>you may not use this file except in compliance with the License.<br/>You may obtain a copy of the License at</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p><a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.</p> <p>-----</p> <p>Apache Log4j<br/>Copyright 1999-2022 Apache Software Foundation</p> <p>This product includes software developed at The Apache Software Foundation (<a href="http://www.apache.org/">http://www.apache.org/</a>).</p> <p>ResolverUtil.java<br/>Copyright 2005-2006 Tim Fennell</p> <p>Dumbster SMTP test server<br/>Copyright 2004 Jason Paul Kitchen</p> <p>TypeUtil.java<br/>Copyright 2002-2012 Ramnivas Laddad, Juergen Hoeller, Chris Beams</p> <p>picocli (<a href="http://picocli.info">http://picocli.info</a>)<br/>Copyright 2017 Remko Popma</p> <p>TimeoutBlockingWaitStrategy.java and parts of Util.java<br/>Copyright 2011 LMAX Ltd.</p> <p>=====</p> <p>Fourth-Party Dependencies</p> <p>ch.qos.logback logback-classic<br/>ch.qos.logback logback-core</p> <p>License : Eclipse Public License v1.0<br/>License text : [2] in License reference.</p> <p>Logback: the reliable, generic, fast and flexible logging framework.</p> <p>Copyright (C) 1999-2017, QOS.ch. All rights reserved.</p> <p>This program and the accompanying materials are dual-licensed under either the terms of the Eclipse Public License v1.0 as published by the Eclipse Foundation or (per the licensee's choosing)</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>under the terms of the GNU Lesser General Public License version 2.1<br/>as published by the Free Software Foundation.</p> <p>=====</p> <p>=====</p> <p>=====</p> <p>Fourth-Party Dependencies</p> <p>org.slf4j:slf4j-api</p> <p>MIT License See <a href="#">Appendix G</a></p> <p>=====</p> <p>=====</p> <p>Fourth-Party Dependencies</p> <p>jul-to-slf4j</p> <p>MIT License See <a href="#">Appendix G</a></p> <p>=====</p> <p>=====</p> <p>=====</p> <p>Fourth-Party Dependencies</p> <p>jakarta.annotation:jakarta.annotation-api</p> <p>License: Eclipse Public License Version 2.0</p> <p>Copyright:</p> <p>Text of Copyright</p> <p>Copyright (c) 2012, 2021 Oracle and/or its affiliates. All rights reserved.</p> <p>This program and the accompanying materials are made available under the<br/>terms of the Eclipse Public License v. 2.0, which is available at<br/><a href="http://www.eclipse.org/legal/epl-2.0">http://www.eclipse.org/legal/epl-2.0</a>.</p> <p>This Source Code may also be made available under the following Secondary<br/>Licenses when the conditions for such availability set forth in the<br/>Eclipse Public License v. 2.0 are satisfied: GNU General Public License,<br/>version 2 with the GNU Classpath Exception, which is available at<br/><a href="https://www.gnu.org/software/classpath/license.html">https://www.gnu.org/software/classpath/license.html</a>.</p> <p>SPDX-License-Identifier: EPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0</p> <p>All content is the property of the respective authors or their employers. For<br/>more information regarding authorship of content, please consult the listed<br/>source code repository logs.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>-----</p> <p># Notices for Jakarta Annotations</p> <p>This content is produced and maintained by the Jakarta Annotations project.</p> <p>* Project home: <a href="https://projects.eclipse.org/projects/ee4j.ca">https://projects.eclipse.org/projects/ee4j.ca</a></p> <p>## Trademarks</p> <p>Jakarta Annotations is a trademark of the Eclipse Foundation.</p> <p>## Declared Project Licenses</p> <p>This program and the accompanying materials are made available under the terms of the Eclipse Public License v. 2.0 which is available at <a href="http://www.eclipse.org/legal/epl-2.0">http://www.eclipse.org/legal/epl-2.0</a>. This Source Code may also be made available under the following Secondary Licenses when the conditions for such availability set forth in the Eclipse Public License v. 2.0 are satisfied: GNU General Public License, version 2 with the GNU Classpath Exception which is available at <a href="https://www.gnu.org/software/classpath/license.html">https://www.gnu.org/software/classpath/license.html</a>.</p> <p>SPDX-License-Identifier: EPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0</p> <p>## Source Code</p> <p>The project maintains the following source code repositories:</p> <p>* <a href="https://github.com/eclipse-ee4j/common-annotations-api">https://github.com/eclipse-ee4j/common-annotations-api</a></p> <p>## Third-party Content</p> <p>## Cryptography</p> <p>Content may contain encryption software. The country in which you are currently may have restrictions on the import, possession, and use, and/or re-export to another country, of encryption software. BEFORE using any encryption software, please check the country's laws, regulations and policies concerning the import, possession, or use, and re-export of encryption software, to see if this is permitted.</p> <p>=====</p> <p>=====</p> <p>=====</p> <p>Fourth-Party Dependencies</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>org.yaml snakeyaml</p> <p>License : Apache License Version 2.0</p> <p>Copyright (c) 2008, <a href="http://www.snakeyaml.org">http://www.snakeyaml.org</a></p> <p>Licensed under the Apache License, Version 2.0 (the "License");</p> <p>you may not use this file except in compliance with the License.</p> <p>You may obtain a copy of the License at</p> <p><a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Unless required by applicable law or agreed to in writing, software</p> <p>distributed under the License is distributed on an "AS IS" BASIS,</p> <p>WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.</p> <p>See the License for the specific language governing permissions and</p> <p>limitations under the License.</p> <p>License text : [0] in License reference.</p> <p>=====</p> <p>=====</p> <p>=====</p> <p>License References are mentioned below.</p> <p>===== Start</p> <p>License Reference [0]</p> <p>=====</p> <p>Apache License, version 2.0 - See <a href="#">Appendix E</a></p> <p><a href="#">Eclipse Public License - v 2.0</a></p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider                       | Component (s)                                                          | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|--------------------------------|------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| The Apache Software Foundation | log4j-layout-template-json 2.17.2<br>log4j-layout-template-json 2.21.1 | <p>Apache Log4j<br/>Copyright 1999–2021 Apache Software Foundation</p> <p>This product includes software developed at The Apache Software Foundation (<a href="http://www.apache.org/">http://www.apache.org/</a>).</p> <p>ResolverUtil.java<br/>Copyright 2005–2006 Tim Fennell</p> <p>Dumbster SMTP test server<br/>Copyright 2004 Jason Paul Kitchen</p> <p>TypeUtil.java<br/>Copyright 2002–2012 Ramnivas Laddad, Juergen Hoeller, Chris Beams</p> <p>picocli (<a href="http://picocli.info">http://picocli.info</a>)<br/>Copyright 2017 Remko Popma</p> <p><b>Apache License, version 2.0 - See <a href="#">Appendix E</a></b></p> <p>END OF TERMS AND CONDITIONS</p> <p>APPENDIX: How to apply the Apache License to your work.</p> <p>To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[ ]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.</p> <p>Copyright 1999–2005 The Apache Software Foundation</p> <p>Licensed under the Apache License, Version 2.0 (the "License");<br/>you may not use this file except in compliance with the License.<br/>You may obtain a copy of the License at</p> <p><a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Unless required by applicable law or agreed to</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider                       | Component (s)                                            | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|--------------------------------|----------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                |                                                          | in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| The Apache Software Foundation | JMeter 5.6.1                                             | Apache License, version 2.0 - See <a href="#">Appendix E</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| The Apache Software Foundation | HttpComponents Client 5.2.1<br>2.17.2<br>httpcore5 5.2.3 | ----- Top-level license -----<br>Top Level Component:<br>org.apache.httpcomponents.client5:httpclient5:5.1.3<br>Apache License, version 2.0 - See <a href="#">Appendix E</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| josdejong                      | jsonEditor 9.10.2                                        | jsoneditor ----- Copyrights Copyright (C) 2011-2023 Jos de Jong ----- Notices JSON Editor <a href="https://github.com/josdejong/jsoneditor">https://github.com/josdejong/jsoneditor</a> Copyright (C) 2011-2023 Jos de Jong Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a> Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License. ----- License SPDX:Apache-2.0 Apache License Version 2.0, January 2004 <a href="http://www.apache.org/licenses/">http://www.apache.org/licenses/</a><br>Apache License, version 2.0 - See <a href="#">Appendix E</a> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider                | Component (s)                        | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-------------------------|--------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| The OpenTracing Authors | opentracing-spring-web-starter 4.1.0 | <pre> ***** ***** ***** Copied from LT Public License &amp; Copyright Notices *****  Apache License  Apache License, version 2.0 - See <a href="#">Appendix E</a>  =====  Copyright 2016-2020 The OpenTracing Authors Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at http://www.apache.org/licenses/LICENSE-2.0 Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.  ===== === Dependencies: opentracing-tracerresolver opentracing-spring-tracer-configuration-starter opentracing-spring-web ===== spring-boot-autoconfigure  Apache License, version 2.0 - See <a href="#">Appendix E</a> === ===== =====  . . . ----- Copyright notices -----  Top Level Component: org.apache.httpcomponents.client5:httpclient5:5.1.3 File: NOTICE.txt -----  Apache HttpComponents Client Copyright 1999-2022 The Apache Software Foundation This product includes software developed at </pre> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>The Apache Software Foundation (<a href="http://www.apache.org/">http://www.apache.org/</a>).</p> <p>CopyRight:</p> <p>-----</p> <p>/*</p> <p>*</p> <p>=====</p> <p>=====</p> <p>* Licensed to the Apache Software Foundation (ASF) under one</p> <p>* or more contributor license agreements. See the NOTICE file</p> <p>* distributed with this work for additional information</p> <p>* regarding copyright ownership. The ASF licenses this file</p> <p>* to you under the Apache License, Version 2.0 (the</p> <p>* "License"); you may not use this file except in compliance</p> <p>* with the License. You may obtain a copy of the License at</p> <p>*</p> <p>* <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>*</p> <p>* Unless required by applicable law or agreed to in writing,</p> <p>* software distributed under the License is distributed on an</p> <p>* "AS IS" BASIS, WITHOUT WARRANTIES OR</p> <p>* CONDITIONS OF ANY</p> <p>* KIND, either express or implied. See the License for the</p> <p>* specific language governing permissions and limitations</p> <p>* under the License.</p> <p>*</p> <p>=====</p> <p>=====</p> <p>*</p> <p>* This software consists of voluntary contributions made by many</p> <p>* individuals on behalf of the Apache Software Foundation. For more</p> <p>* information on the Apache Software Foundation, please see</p> <p>* <a href="http://www.apache.org/">http://www.apache.org/</a>.</p> <p>*</p> <p>*/</p> <p>=====</p> <p>=====</p> <p>----- Fourth-party information</p> <p>-----</p> <p>=====</p> <p>=====</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <pre> == Package Name: org.apache.httpcomponents.core5:httpcore5:5.1.3 . == License Apache License, version 2.0 - See <a href="#">Appendix E</a> CopyRight: /* * ===== ===== * Licensed to the Apache Software Foundation (ASF) under one * or more contributor license agreements. See the NOTICE file * distributed with this work for additional information * regarding copyright ownership. The ASF licenses this file * to you under the Apache License, Version 2.0 (the * "License"); you may not use this file except in compliance * with the License. You may obtain a copy of the License at * * http://www.apache.org/licenses/LICENSE-2.0 * * Unless required by applicable law or agreed to in writing, * software distributed under the License is distributed on an * "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY * KIND, either express or implied. See the License for the * specific language governing permissions and limitations * under the License. * ===== ===== * * This software consists of voluntary contributions made by many * individuals on behalf of the Apache Software Foundation. For more * information on the Apache Software Foundation, please see * &lt;http://www.apache.org/&gt;. * */ ------(separator)----- == Package: org.apache.httpcomponents.core5:httpcore5- h2:5.1.3 . == License </pre> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Apache License, version 2.0 - See <a href="#">Appendix E</a></p> <p>END OF TERMS AND CONDITIONS</p> <p>© 2022 GitHub, Inc.</p> <p>Footer navigation</p> <p>Terms</p> <p>Privacy</p> <p>Security</p> <p>== Copyright Notices</p> <p>.</p> <p>.</p> <p>Notice.txt:</p> <p>Apache HttpComponents Core</p> <p>Copyright 2005-2022 The Apache Software Foundation</p> <p>This product includes software developed at</p> <p>The Apache Software Foundation (<a href="http://www.apache.org/">http://www.apache.org/</a>).</p> <p>CopyRight:</p> <pre> /*  *  * =====  * =====  * Licensed to the Apache Software Foundation (ASF) under  * one  * or more contributor license agreements. See the NOTICE  * file  * distributed with this work for additional information  * regarding copyright ownership. The ASF licenses this file  * to you under the Apache License, Version 2.0 (the  * "License"); you may not use this file except in compliance  * with the License. You may obtain a copy of the License at  *  * <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a>  *  * Unless required by applicable law or agreed to in writing,  * software distributed under the License is distributed on an  * "AS IS" BASIS, WITHOUT WARRANTIES OR  * CONDITIONS OF ANY  * KIND, either express or implied. See the License for the  * specific language governing permissions and limitations  * under the License.  *  * =====  * =====  *  * This software consists of voluntary contributions made by many </pre> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>* individuals on behalf of the Apache Software Foundation. For more</p> <p>* information on the Apache Software Foundation, please see</p> <p>* &lt;http://www.apache.org/&gt;.</p> <p>*</p> <p>*/</p> <p>------(separator)-----</p> <p>== Package: org.slf4j:slf4j-api:1.7.25 -&gt; 1.7.36</p> <p>.</p> <p>== License</p> <p>.</p> <p>.</p> <p>Copyright (c) 2004-2022 QOS.ch Sarl (Switzerland)</p> <p>All rights reserved.</p> <p>See <a href="#">Appendix G</a></p> <p>== Copyright Notices</p> <p>.</p> <p>.</p> <p>/**</p> <p>* Copyright (c) 2004-2011 QOS.ch</p> <p>* All rights reserved.</p> <p>*</p> <p>See <a href="#">Appendix G</a></p> <p>*</p> <p>*/</p> <p>------(separator)-----</p> <p>== Package: commons-codec:commons-codec:1.15</p> <p>.</p> <p>== License</p> <p>Apache License, version 2.0 - See <a href="#">Appendix E</a></p> <p>END OF TERMS AND CONDITIONS</p> <p>APPENDIX: How to apply the Apache License to your work.</p> <p>To apply the Apache License to your work, attach the following</p> <p>boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a</p> <p>file or class name and description of purpose be included on the</p> <p>same "printed page" as the copyright notice for easier identification within third-party archives.</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Copyright [yyyy] [name of copyright owner]</p> <p>Licensed under the Apache License, Version 2.0 (the "License");</p> <p>you may not use this file except in compliance with the License.</p> <p>You may obtain a copy of the License at</p> <p><a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Unless required by applicable law or agreed to in writing, software</p> <p>distributed under the License is distributed on an "AS IS" BASIS,</p> <p>WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.</p> <p>See the License for the specific language governing permissions and</p> <p>limitations under the License.</p> <p>== Copyright Notices</p> <p>.</p> <p>.</p> <p>Notice.txt:</p> <p>Apache Commons Codec</p> <p>Copyright 2002-2022 The Apache Software Foundation</p> <p>This product includes software developed at</p> <p>The Apache Software Foundation (<a href="https://www.apache.org/">https://www.apache.org/</a>).</p> <p><code>src/test/org/apache/commons/codec/language/DoubleMetaphoneTest.java</code></p> <p>contains test data from <a href="http://aspell.net/test/orig/batch0.tab">http://aspell.net/test/orig/batch0.tab</a>.</p> <p>Copyright (C) 2002 Kevin Atkinson (<a href="mailto:kevina@gnu.org">kevina@gnu.org</a>)</p> <p>=====</p> <p>=====</p> <p>The content of package</p> <p><code>org.apache.commons.codec.language.bm</code> has been translated</p> <p>from the original php source code available at <a href="http://stevemorse.org/phoneticinfo.htm">http://stevemorse.org/phoneticinfo.htm</a></p> <p>with permission from the original authors.</p> <p>Original source copyright:</p> <p>Copyright (c) 2008 Alexander Beider &amp; Stephen P. Morse.</p> <p>CopyRight:</p> <p>/*</p> <p>* Licensed to the Apache Software Foundation (ASF) under one or more</p> <p>* contributor license agreements. See the NOTICE file distributed with</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider                             | Component (s)           | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|--------------------------------------|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                      |                         | <p>* this work for additional information regarding copyright ownership.</p> <p>* The ASF licenses this file to You under the Apache License, Version 2.0</p> <p>* (the "License"); you may not use this file except in compliance with</p> <p>* the License. You may obtain a copy of the License at</p> <p>*</p> <p>* <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>*</p> <p>* Unless required by applicable law or agreed to in writing, software</p> <p>* distributed under the License is distributed on an "AS IS" BASIS,</p> <p>* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.</p> <p>* See the License for the specific language governing permissions and</p> <p>* limitations under the License.</p> <p>*/</p> <p>------(separator)-----</p> |
| The Legion Of The Bouncy Castle Inc. | bcprov-ext-jdk15on 1.69 | <p>Copyright (c) 2000 - 2021 The Legion of the Bouncy Castle Inc. (<a href="https://www.bouncycastle.org">https://www.bouncycastle.org</a>)</p> <p>See <a href="#">Appendix G</a></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider           | Component (s)                                 | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|--------------------|-----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Eclipse Foundation | Jakarta Bean Validation API 3.0.2<br>3.1.0-M1 | <p>Jakarta Bean Validation API<br/>(jakarta.validation:jakarta.validation-api)<br/>Copyright 2019,2020 Eclipse Foundation.</p> <p>-----</p> <p># Notices for Eclipse Jakarta Bean Validation</p> <p>This content is produced and maintained by the Eclipse Jakarta Bean Validation project.</p> <p>* Project home: <a href="https://projects.eclipse.org/projects/ee4j.bean-validation">https://projects.eclipse.org/projects/ee4j.bean-validation</a></p> <p>## Trademarks</p> <p>Jakarta Bean Validation is a trademark of the Eclipse Foundation.</p> <p>## Copyright</p> <p>All content is the property of the respective authors or their employers. For more information regarding authorship of content, please consult the listed source code repository logs.</p> <p>## Declared Project Licenses</p> <p>This program and the accompanying materials are made available under the terms of the Apache License, Version 2.0 which is available at <a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a>.</p> <p>SPDX-License-Identifier: Apache-2.0</p> <p>## Source Code</p> <p>The project maintains the following source code repositories:</p> <p>* [The specification repository](<a href="https://github.com/eclipse-ee4j/beanvalidation-spec">https://github.com/eclipse-ee4j/beanvalidation-spec</a>)</p> <p>* [The API repository](<a href="https://github.com/eclipse-ee4j/beanvalidation-api">https://github.com/eclipse-ee4j/beanvalidation-api</a>)</p> <p>* [The TCK repository](<a href="https://github.com/eclipse-ee4j/beanvalidation-tck">https://github.com/eclipse-ee4j/beanvalidation-tck</a>)</p> <p>## Third-party Content</p> <p>This project leverages the following third party content.</p> <p>Test dependencies:</p> <p>* [TestNG](<a href="https://github.com/cbeust/testng">https://github.com/cbeust/testng</a>) - Apache License 2.0</p> <p>* [JCommander](<a href="https://github.com/cbeust/jcommander">https://github.com/cbeust/jcommander</a>) - Apache License 2.0</p> <p>* [SnakeYAML](<a href="https://bitbucket.org/asomov/snakeyaml/src">https://bitbucket.org/asomov/snakeyaml/src</a>) - Apache License 2.0</p> <p>-----</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s)                                                                                                                       | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------|-------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |                                                                                                                                     | Apache License, version 2.0 - See <a href="#">Appendix E</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Oracle   | JavaScript Extension Toolkit (JET) 14.1.2<br>JavaScript Extension Toolkit (JET) 15.1.3<br>JavaScript Extension Toolkit (JET) 15.1.9 | # Oracle JET 14.1.2 You may not use the identified files except in compliance with the Universal Permissive License (UPL), Version 1.0 (the "License.") You may obtain a copy of the License at <a href="https://opensource.org/licenses/UPL">https://opensource.org/licenses/UPL</a> . ... .. Universal Permissive License (UPL). See, <a href="#">Appendix Universal Permissive License (UPL)</a><br>MIT License (MIT)<br>See <a href="#">Appendix G</a><br>Apache License, version 2.0 - See <a href="#">Appendix E</a> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider  | Component (s)                        | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-----------|--------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Microsoft | TypeScript 4.6.4<br>TypeScript 5.0.4 | <p>typescript (Apache-2.0)</p> <pre> /*! ***** *****  Copyright (c) Microsoft Corporation. All rights reserved. Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at http://www.apache.org/licenses/LICENSE-2.0  THIS CODE IS PROVIDED ON AN *AS IS* BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION ANY IMPLIED WARRANTIES OR CONDITIONS OF TITLE, FITNESS FOR A PARTICULAR PURPOSE, MERCHANTABILITY OR NON-INFRINGEMENT.  See the Apache Version 2.0 License for specific language governing permissions and limitations under the License.  ***** */ </pre> <p>Apache License, version 2.0 - See <a href="#">Appendix E</a></p> <p>-----</p> <p>DOM</p> <p>Copyright 2018 WHATWG (Apple, Google, Mozilla, Microsoft). This work is licensed under a Creative Commons Attribution 4.0 International License: Attribution 4.0 International</p> <p>=====</p> <p>=====</p> <p>Creative Commons Corporation ("Creative Commons") is not a law firm and does not provide legal services or legal advice. Distribution of Creative Commons public licenses does not create a lawyer-client or other relationship. Creative Commons makes its licenses and related information available on an "as-is" basis. Creative Commons gives no warranties regarding its licenses, any material licensed under their terms and conditions, or any related information. Creative Commons disclaims all liability for damages resulting from their use to the fullest extent possible. Using Creative Commons Public Licenses Creative Commons public licenses provide a standard set of terms and conditions that creators and other rights holders may use to share original works of authorship and other material subject to copyright and certain other rights specified in the public license below. The following considerations are for informational purposes only, are not exhaustive, and do not form part of our licenses. Considerations for licensors: Our public licenses are intended for use by those authorized to give the public permission to use material in ways otherwise</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>restricted by copyright and certain other rights. Our licenses are irrevocable. Licensors should read and understand the terms and conditions of the license they choose before applying it. Licensors should also secure all rights necessary before applying our licenses so that the public can reuse the material as expected. Licensors should clearly mark any material not subject to the license. This includes other CC-licensed material, or material used under an exception or limitation to copyright. More considerations for licensors: <a href="http://wiki.creativecommons.org/Considerations_for_licensors">wiki.creativecommons.org/Considerations_for_licensors</a></p> <p>Considerations for the public: By using one of our public licenses, a licensor grants the public permission to use the licensed material under specified terms and conditions. If the licensor's permission is not necessary for any reason--for example, because of any applicable exception or limitation to copyright--then that use is not regulated by the license. Our licenses grant only permissions under copyright and certain other rights that a licensor has authority to grant. Use of the licensed material may still be restricted for other reasons, including because others have copyright or other rights in the material. A licensor may make special requests, such as asking that all changes be marked or described. Although not required by our licenses, you are encouraged to respect those requests where reasonable. More considerations for the public: <a href="http://wiki.creativecommons.org/Considerations_for_licensees">wiki.creativecommons.org/Considerations_for_licensees</a></p> <p>=====</p> <p>Creative Commons Attribution 4.0 International Public License By exercising the Licensed Rights (defined below), You accept and agree to be bound by the terms and conditions of this Creative Commons Attribution 4.0 International Public License ("Public License"). To the extent this Public License may be interpreted as a contract, You are granted the Licensed Rights in consideration of Your acceptance of these terms and conditions, and the Licensor grants You such rights in consideration of benefits the Licensor receives from making the Licensed Material available under these terms and conditions. Section 1 -- Definitions. a. Adapted Material means material subject to Copyright and Similar Rights that is derived from or based upon the Licensed Material and in which the Licensed Material is translated, altered, arranged, transformed, or otherwise modified in a manner requiring permission under the Copyright and Similar Rights held by the Licensor. For purposes of this Public License, where the Licensed Material is a musical work, performance, or sound recording, Adapted Material is always produced where the Licensed Material is synched in timed relation with a moving image. b. Adapter's License means the license You apply to Your Copyright and Similar Rights in Your contributions to Adapted Material in accordance with the terms and conditions of this Public License. c. Copyright and Similar Rights means copyright and/or similar rights closely related to copyright including, without limitation, performance, broadcast, sound recording, and Sui Generis Database Rights, without regard to how the</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>rights are labeled or categorized. For purposes of this Public License, the rights specified in Section 2(b)(1)-(2) are not Copyright and Similar Rights. d. Effective Technological Measures means those measures that, in the absence of proper authority, may not be circumvented under laws fulfilling obligations under Article 11 of the WIPO Copyright Treaty adopted on December 20, 1996, and/or similar international agreements. e. Exceptions and Limitations means fair use, fair dealing, and/or any other exception or limitation to Copyright and Similar Rights that applies to Your use of the Licensed Material. f. Licensed Material means the artistic or literary work, database, or other material to which the Licensor applied this Public License. g. Licensed Rights means the rights granted to You subject to the terms and conditions of this Public License, which are limited to all Copyright and Similar Rights that apply to Your use of the Licensed Material and that the Licensor has authority to license. h. Licensor means the individual(s) or entity(ies) granting rights under this Public License. i. Share means to provide material to the public by any means or process that requires permission under the Licensed Rights, such as reproduction, public display, public performance, distribution, dissemination, communication, or importation, and to make material available to the public including in ways that members of the public may access the material from a place and at a time individually chosen by them. j. Sui Generis Database Rights means rights other than copyright resulting from Directive 96/9/EC of the European Parliament and of the Council of 11 March 1996 on the legal protection of databases, as amended and/or succeeded, as well as other essentially equivalent rights anywhere in the world. k. You means the individual or entity exercising the Licensed Rights under this Public License. Your has a corresponding meaning. Section 2 -- Scope. a. License grant. 1. Subject to the terms and conditions of this Public License, the Licensor hereby grants You a worldwide, royalty-free, non-sublicensable, non-exclusive, irrevocable license to exercise the Licensed Rights in the Licensed Material to: a. reproduce and Share the Licensed Material, in whole or in part; and b. produce, reproduce, and Share Adapted Material. 2. Exceptions and Limitations. For the avoidance of doubt, where Exceptions and Limitations apply to Your use, this Public License does not apply, and You do not need to comply with its terms and conditions. 3. Term. The term of this Public License is specified in Section 6(a). 4. Media and formats; technical modifications allowed. The Licensor authorizes You to exercise the Licensed Rights in all media and formats whether now known or hereafter created, and to make technical modifications necessary to do so. The Licensor waives and/or agrees not to assert any right or authority to forbid You from making technical modifications necessary to exercise the Licensed Rights, including technical modifications necessary to circumvent Effective Technological Measures. For purposes of this Public License, simply making modifications authorized by this Section 2(a) (4) never produces Adapted Material. 5. Downstream recipients. a. Offer from the Licensor --</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Licensed Material. Every recipient of the Licensed Material automatically receives an offer from the Licensor to exercise the Licensed Rights under the terms and conditions of this Public License. b. No downstream restrictions. You may not offer or impose any additional or different terms or conditions on, or apply any Effective Technological Measures to, the Licensed Material if doing so restricts exercise of the Licensed Rights by any recipient of the Licensed Material. 6. No endorsement. Nothing in this Public License constitutes or may be construed as permission to assert or imply that You are, or that Your use of the Licensed Material is, connected with, or sponsored, endorsed, or granted official status by, the Licensor or others designated to receive attribution as provided in Section 3(a)(1)(A)(i). b. Other rights. 1. Moral rights, such as the right of integrity, are not licensed under this Public License, nor are publicity, privacy, and/or other similar personality rights; however, to the extent possible, the Licensor waives and/or agrees not to assert any such rights held by the Licensor to the limited extent necessary to allow You to exercise the Licensed Rights, but not otherwise. 2. Patent and trademark rights are not licensed under this Public License. 3. To the extent possible, the Licensor waives any right to collect royalties from You for the exercise of the Licensed Rights, whether directly or through a collecting society under any voluntary or waivable statutory or compulsory licensing scheme. In all other cases the Licensor expressly reserves any right to collect such royalties. Section 3 -- License Conditions. Your exercise of the Licensed Rights is expressly made subject to the following conditions. a. Attribution. 1. If You Share the Licensed Material (including in modified form), You must: a. retain the following if it is supplied by the Licensor with the Licensed Material: i. identification of the creator(s) of the Licensed Material and any others designated to receive attribution, in any reasonable manner requested by the Licensor (including by pseudonym if designated); ii. a copyright notice; iii. a notice that refers to this Public License; iv. a notice that refers to the disclaimer of warranties; v. a URI or hyperlink to the Licensed Material to the extent reasonably practicable; b. indicate if You modified the Licensed Material and retain an indication of any previous modifications; and c. indicate the Licensed Material is licensed under this Public License, and include the text of, or the URI or hyperlink to, this Public License. 2. You may satisfy the conditions in Section 3(a)(1) in any reasonable manner based on the medium, means, and context in which You Share the Licensed Material. For example, it may be reasonable to satisfy the conditions by providing a URI or hyperlink to a resource that includes the required information. 3. If requested by the Licensor, You must remove any of the information required by Section 3(a)(1)(A) to the extent reasonably practicable. 4. If You Share Adapted Material You produce, the Adapter's License You apply must not prevent recipients of the Adapted Material from complying with this Public License. Section 4 -- Sui Generis Database Rights. Where the Licensed Rights include Sui Generis Database Rights that apply to Your use of the</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Licensed Material: a. for the avoidance of doubt, Section 2(a) (1) grants You the right to extract, reuse, reproduce, and Share all or a substantial portion of the contents of the database; b. if You include all or a substantial portion of the database contents in a database in which You have Sui Generis Database Rights, then the database in which You have Sui Generis Database Rights (but not its individual contents) is Adapted Material; and c. You must comply with the conditions in Section 3(a) if You Share all or a substantial portion of the contents of the database. For the avoidance of doubt, this Section 4 supplements and does not replace Your obligations under this Public License where the Licensed Rights include other Copyright and Similar Rights. Section 5 -- Disclaimer of Warranties and Limitation of Liability. a. UNLESS OTHERWISE SEPARATELY UNDERTAKEN BY THE LICENSOR, TO THE EXTENT POSSIBLE, THE LICENSOR OFFERS THE LICENSED MATERIAL AS-IS AND AS-AVAILABLE, AND MAKES NO REPRESENTATIONS OR WARRANTIES OF ANY KIND CONCERNING THE LICENSED MATERIAL, WHETHER EXPRESS, IMPLIED, STATUTORY, OR OTHER. THIS INCLUDES, WITHOUT LIMITATION, WARRANTIES OF TITLE, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, NON-INFRINGEMENT, ABSENCE OF LATENT OR OTHER DEFECTS, ACCURACY, OR THE PRESENCE OR ABSENCE OF ERRORS, WHETHER OR NOT KNOWN OR DISCOVERABLE. WHERE DISCLAIMERS OF WARRANTIES ARE NOT ALLOWED IN FULL OR IN PART, THIS DISCLAIMER MAY NOT APPLY TO YOU. b. TO THE EXTENT POSSIBLE, IN NO EVENT WILL THE LICENSOR BE LIABLE TO YOU ON ANY LEGAL THEORY (INCLUDING, WITHOUT LIMITATION, NEGLIGENCE) OR OTHERWISE FOR ANY DIRECT, SPECIAL, INDIRECT, INCIDENTAL, CONSEQUENTIAL, PUNITIVE, EXEMPLARY, OR OTHER LOSSES, COSTS, EXPENSES, OR DAMAGES ARISING OUT OF THIS PUBLIC LICENSE OR USE OF THE LICENSED MATERIAL, EVEN IF THE LICENSOR HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH LOSSES, COSTS, EXPENSES, OR DAMAGES. WHERE A LIMITATION OF LIABILITY IS NOT ALLOWED IN FULL OR IN PART, THIS LIMITATION MAY NOT APPLY TO YOU. c. The disclaimer of warranties and limitation of liability provided above shall be interpreted in a manner that, to the extent possible, most closely approximates an absolute disclaimer and waiver of all liability. Section 6 -- Term and Termination. a. This Public License applies for the term of the Copyright and Similar Rights licensed here. However, if You fail to comply with this Public License, then Your rights under this Public License terminate automatically. b. Where Your right to use the Licensed Material has terminated under Section 6(a), it reinstates: 1. automatically as of the date the violation is cured, provided it is cured within 30 days of Your discovery of the violation; or 2. upon express reinstatement by the Licensor. For the avoidance of doubt, this Section 6(b) does not affect any right the Licensor may have to seek remedies for Your violations of this Public License. c. For the avoidance of doubt, the Licensor may also offer the Licensed</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Material under separate terms or conditions or stop distributing the Licensed Material at any time; however, doing so will not terminate this Public License. d. Sections 1, 5, 6, 7, and 8 survive termination of this Public License. Section 7 -- Other Terms and Conditions. a. The Licensor shall not be bound by any additional or different terms or conditions communicated by You unless expressly agreed. b. Any arrangements, understandings, or agreements regarding the Licensed Material not stated herein are separate from and independent of the terms and conditions of this Public License. Section 8 -- Interpretation. a. For the avoidance of doubt, this Public License does not, and shall not be interpreted to, reduce, limit, restrict, or impose conditions on any use of the Licensed Material that could lawfully be made without permission under this Public License. b. To the extent possible, if any provision of this Public License is deemed unenforceable, it shall be automatically reformed to the minimum extent necessary to make it enforceable. If the provision cannot be reformed, it shall be severed from this Public License without affecting the enforceability of the remaining terms and conditions. c. No term or condition of this Public License will be waived and no failure to comply consented to unless expressly agreed to by the Licensor. d. Nothing in this Public License constitutes or may be interpreted as a limitation upon, or waiver of, any privileges and immunities that apply to the Licensor or You, including from the legal processes of any jurisdiction or authority.</p> <p>=====</p> <p>===== Creative Commons is not a party to its public licenses. Notwithstanding, Creative Commons may elect to apply one of its public licenses to material it publishes and in those instances will be considered the "Licensor." Except for the limited purpose of indicating that material is shared under a Creative Commons public license or as otherwise permitted by the Creative Commons policies published at <a href="http://creativecommons.org/policies">creativecommons.org/policies</a>, Creative Commons does not authorize the use of the trademark "Creative Commons" or any other trademark or logo of Creative Commons without its prior written consent including, without limitation, in connection with any unauthorized modifications to any of its public licenses or any other arrangements, understandings, or agreements concerning use of licensed material. For the avoidance of doubt, this paragraph does not form part of the public licenses. Creative Commons may be contacted at <a href="http://creativecommons.org">creativecommons.org</a>.</p> <p>-----</p> <p>-----Web Background<br/>Synchronization-----</p> <p>Web Background Synchronization Specification<br/>Portions of spec by W3C</p> <p>W3C Community Final Specification Agreement</p> <p>To secure commitments from participants for the full text of a Community or Business Group Report, the group may call for</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>voluntary commitments to the following terms; a "summary" is available. See also the related "W3C Community Contributor License Agreement".</p> <p>1. The Purpose of this Agreement.</p> <p>This Agreement sets forth the terms under which I make certain copyright and patent rights available to you for your implementation of the Specification.</p> <p>Any other capitalized terms not specifically defined herein have the same meaning as those terms have in the "W3C Patent Policy", and if not defined there, in the "W3C Process Document".</p> <p>2. Copyrights.</p> <p>2.1. Copyright Grant. I grant to you a perpetual (for the duration of the applicable copyright), worldwide, non-exclusive, no-charge, royalty-free, copyright license, without any obligation for accounting to me, to reproduce, prepare derivative works of, publicly display, publicly perform, sublicense, distribute, and implement the Specification to the full extent of my copyright interest in the Specification.</p> <p>2.2. Attribution. As a condition of the copyright grant, you must include an attribution to the Specification in any derivative work you make based on the Specification. That attribution must include, at minimum, the Specification name and version number.</p> <p>3. Patents.</p> <p>3.1. Patent Licensing Commitment. I agree to license my Essential Claims under the W3C Community RF Licensing Requirements. This requirement includes Essential Claims that I own and any that I have the right to license without obligation of payment or other consideration to an unrelated third party. W3C Community RF Licensing Requirements obligations made concerning the Specification and described in this policy are binding on me for the life of the patents in question and encumber the patents containing Essential Claims, regardless of changes in participation status or W3C Membership. I also agree to license my Essential Claims under the W3C Community RF Licensing Requirements in derivative works of the Specification so long as all normative portions of the Specification are maintained and that this licensing commitment does not extend to any portion of the derivative work that was not included in the Specification.</p> <p>3.2. Optional, Additional Patent Grant. In addition to the provisions of Section 3.1, I may also, at my option, make certain intellectual property rights infringed by implementations of the Specification, including Essential Claims, available by providing those terms via the W3C Web site.</p> <p>4. No Other Rights. Except as specifically set forth in this Agreement, no other express or implied patent, trademark, copyright, or other property rights are granted under this Agreement, including by implication, waiver, or estoppel.</p> <p>5. Antitrust Compliance. I acknowledge that I may compete with other participants, that I am under no obligation to</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>implement the Specification, that each participant is free to develop competing technologies and standards, and that each party is free to license its patent rights to third parties, including for the purpose of enabling competing technologies and standards.</p> <p>6. Non-Circumvention. I agree that I will not intentionally take or willfully assist any third party to take any action for the purpose of circumventing my obligations under this Agreement.</p> <p>7. Transition to W3C Recommendation Track. The Specification developed by the Project may transition to the W3C Recommendation Track. The W3C Team is responsible for notifying me that a Corresponding Working Group has been chartered. I have no obligation to join the Corresponding Working Group. If the Specification developed by the Project transitions to the W3C Recommendation Track, the following terms apply:</p> <p>7.1. If I join the Corresponding Working Group. If I join the Corresponding Working Group, I will be subject to all W3C rules, obligations, licensing commitments, and policies that govern that Corresponding Working Group.</p> <p>7.2. If I Do Not Join the Corresponding Working Group.</p> <p>7.2.1. Licensing Obligations to Resulting Specification. If I do not join the Corresponding Working Group, I agree to offer patent licenses according to the W3C Royalty-Free licensing requirements described in Section 5 of the W3C Patent Policy for the portions of the Specification included in the resulting Recommendation. This licensing commitment does not extend to any portion of an implementation of the Recommendation that was not included in the Specification. This licensing commitment may not be revoked but may be modified through the exclusion process defined in Section 4 of the W3C Patent Policy. I am not required to join the Corresponding Working Group to exclude patents from the W3C Royalty-Free licensing commitment, but must otherwise follow the normal exclusion procedures defined by the W3C Patent Policy. The W3C Team will notify me of any Call for Exclusion in the Corresponding Working Group as set forth in Section 4.5 of the W3C Patent Policy.</p> <p>7.2.2. No Disclosure Obligation. If I do not join the Corresponding Working Group, I have no patent disclosure obligations outside of those set forth in Section 6 of the W3C Patent Policy.</p> <p>8. Conflict of Interest. I will disclose significant relationships when those relationships might reasonably be perceived as creating a conflict of interest with my role. I will notify W3C of any change in my affiliation using W3C-provided mechanisms.</p> <p>9. Representations, Warranties and Disclaimers. I represent and warrant that I am legally entitled to grant the rights and promises set forth in this Agreement. IN ALL OTHER RESPECTS THE SPECIFICATION IS PROVIDED AS IS. The entire risk as to implementing or otherwise using the Specification is assumed by the implementer and user. Except as stated herein, I expressly disclaim any warranties</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>(express, implied, or otherwise), including implied warranties of merchantability, non-infringement, fitness for a particular purpose, or title, related to the Specification. IN NO EVENT WILL ANY PARTY BE LIABLE TO ANY OTHER PARTY FOR LOST PROFITS OR ANY FORM OF INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES OF ANY CHARACTER FROM ANY CAUSES OF ACTION OF ANY KIND WITH RESPECT TO THIS AGREEMENT, WHETHER BASED ON BREACH OF CONTRACT, TORT (INCLUDING NEGLIGENCE), OR OTHERWISE, AND WHETHER OR NOT THE OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGE. All of my obligations under Section 3 regarding the transfer, successors in interest, or assignment of Granted Claims will be satisfied if I notify the transferee or assignee of any patent that I know contains Granted Claims of the obligations under Section 3. Nothing in this Agreement requires me to undertake a patent search.</p> <p>10. Definitions.</p> <p>10.1. Agreement. Agreement means this W3C Community Final Specification Agreement.</p> <p>10.2. Corresponding Working Group. Corresponding Working Group is a W3C Working Group that is chartered to develop a Recommendation, as defined in the W3C Process Document, that takes the Specification as an input.</p> <p>10.3. Essential Claims. Essential Claims shall mean all claims in any patent or patent application in any jurisdiction in the world that would necessarily be infringed by implementation of the Specification. A claim is necessarily infringed hereunder only when it is not possible to avoid infringing it because there is no non-infringing alternative for implementing the normative portions of the Specification. Existence of a non-infringing alternative shall be judged based on the state of the art at the time of the publication of the Specification. The following are expressly excluded from and shall not be deemed to constitute Essential Claims:</p> <p>10.3.1. any claims other than as set forth above even if contained in the same patent as Essential Claims; and</p> <p>10.3.2. claims which would be infringed only by:</p> <p>portions of an implementation that are not specified in the normative portions of the Specification, or</p> <p>enabling technologies that may be necessary to make or use any product or portion thereof that complies with the Specification and are not themselves expressly set forth in the Specification (e.g., semiconductor manufacturing technology, compiler technology, object-oriented technology, basic operating system technology, and the like); or</p> <p>the implementation of technology developed elsewhere and merely incorporated by reference in the body of the Specification.</p> <p>10.3.3. design patents and design registrations.</p> <p>For purposes of this definition, the normative portions of the Specification shall be deemed to include only architectural and interoperability requirements. Optional features in the</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>RFC 2119 sense are considered normative unless they are specifically identified as informative. Implementation examples or any other material that merely illustrate the requirements of the Specification are informative, rather than normative.</p> <p>10.4. I, Me, or My. I, me, or my refers to the signatory.</p> <p>10.5 Project. Project means the W3C Community Group or Business Group for which I executed this Agreement.</p> <p>10.6. Specification. Specification means the Specification identified by the Project as the target of this agreement in a call for Final Specification Commitments. W3C shall provide the authoritative mechanisms for the identification of this Specification.</p> <p>10.7. W3C Community RF Licensing Requirements. W3C Community RF Licensing Requirements license shall mean a non-assignable, non-sublicensable license to make, have made, use, sell, have sold, offer to sell, import, and distribute and dispose of implementations of the Specification that:</p> <p>10.7.1. shall be available to all, worldwide, whether or not they are W3C Members;</p> <p>10.7.2. shall extend to all Essential Claims owned or controlled by me;</p> <p>10.7.3. may be limited to implementations of the Specification, and to what is required by the Specification;</p> <p>10.7.4. may be conditioned on a grant of a reciprocal RF license (as defined in this policy) to all Essential Claims owned or controlled by the licensee. A reciprocal license may be required to be available to all, and a reciprocal license may itself be conditioned on a further reciprocal license from all.</p> <p>10.7.5. may not be conditioned on payment of royalties, fees or other consideration;</p> <p>10.7.6. may be suspended with respect to any licensee when licensor issued by licensee for infringement of claims essential to implement the Specification or any W3C Recommendation;</p> <p>10.7.7. may not impose any further conditions or restrictions on the use of any technology, intellectual property rights, or other restrictions on behavior of the licensee, but may include reasonable, customary terms relating to operation or maintenance of the license relationship such as the following: choice of law and dispute resolution;</p> <p>10.7.8. shall not be considered accepted by an implementer who manifests an intent not to accept the terms of the W3C Community RF Licensing Requirements license as offered by the licensor.</p> <p>10.7.9. The RF license conforming to the requirements in this policy shall be made available by the licensor as long as the Specification is in effect. The term of such license shall be for the life of the patents in question.</p> <p>I am encouraged to provide a contact from which licensing information can be obtained and other relevant licensing</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>information. Any such information will be made publicly available.</p> <p>10.8. You or Your. You, you, or your means any person or entity who exercises copyright or patent rights granted under this Agreement, and any person that person or entity controls.</p> <p>-----</p> <p>----</p> <p>----- WebGL -----</p> <p>Copyright (c) 2018 The Khronos Group Inc.</p> <p>See <a href="#">Appendix G</a></p> <p>THE MATERIALS ARE PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT.</p> <p>IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE MATERIALS OR THE USE OR OTHER DEALINGS IN THE MATERIALS.</p> <p>-----</p> <p>----- End of ThirdPartyNotices</p> <p>----- */</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider          | Component (s)              | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-------------------|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| The Netty Project | netty-handler 4.1.94.Final | <p>Netty (io.netty:netty-*) Copyright 2012,2021 The Netty Project Copyright 2014 Twitter, Inc. Copyright (c) 2011, Joe Walnes and contributors Copyright (c) 2008-2009 Bjoern Hoehrmann Copyright (c) 2004-2011 QOS.ch ... ..</p> <p>Netty (io.netty:netty-*)<br/>Copyright 2012,2021 The Netty Project<br/>Copyright 2014 Twitter, Inc.<br/>Copyright (c) 2011, Joe Walnes and contributors<br/>Copyright (c) 2008-2009 Bjoern Hoehrmann<br/>&lt;bjoern@hoehrmann.de&gt;<br/>Copyright (c) 2004-2011 QOS.ch</p> <p>-----</p> <p>Apache License<br/>Version 2.0, January 2004<br/><a href="https://www.apache.org/licenses/">https://www.apache.org/licenses/</a><br/>TERMS AND CONDITIONS FOR USE, REPRODUCTION,<br/>AND DISTRIBUTION</p> <p>1. Definitions.</p> <p>"License" shall mean the terms and conditions for use, reproduction,<br/>and distribution as defined by Sections 1 through 9 of this document.</p> <p>"Licensor" shall mean the copyright owner or entity authorized by<br/>the copyright owner that is granting the License.</p> <p>"Legal Entity" shall mean the union of the acting entity and all<br/>other entities that control, are controlled by, or are under common<br/>control with that entity. For the purposes of this definition,<br/>"control" means (i) the power, direct or indirect, to cause the<br/>direction or management of such entity, whether by contract or<br/>otherwise, or (ii) ownership of fifty percent (50%) or more of the<br/>outstanding shares, or (iii) beneficial ownership of such<br/>entity.</p> <p>"You" (or "Your") shall mean an individual or Legal Entity<br/>exercising permissions granted by this License.</p> <p>"Source" form shall mean the preferred form for making<br/>modifications,<br/>including but not limited to software source code,<br/>documentation<br/>source, and configuration files.</p> <p>"Object" form shall mean any form resulting from mechanical<br/>transformation or translation of a Source form, including but</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>not limited to compiled object code, generated documentation,<br/>and conversions to other media types.</p> <p>"Work" shall mean the work of authorship, whether in Source or<br/>Object form, made available under the License, as indicated by a<br/>copyright notice that is included in or attached to the work<br/>(an example is provided in the Appendix below).</p> <p>"Derivative Works" shall mean any work, whether in Source or Object<br/>form, that is based on (or derived from) the Work and for which the<br/>editorial revisions, annotations, elaborations, or other modifications<br/>represent, as a whole, an original work of authorship. For the purposes<br/>of this License, Derivative Works shall not include works that remain<br/>separable from, or merely link (or bind by name) to the interfaces of,<br/>the Work and Derivative Works thereof.</p> <p>"Contribution" shall mean any work of authorship, including<br/>the original version of the Work and any modifications or additions<br/>to that Work or Derivative Works thereof, that is intentionally<br/>submitted to Licensor for inclusion in the Work by the copyright owner<br/>or by an individual or Legal Entity authorized to submit on behalf of<br/>the copyright owner. For the purposes of this definition, "submitted"<br/>means any form of electronic, verbal, or written communication sent<br/>to the Licensor or its representatives, including but not limited to<br/>communication on electronic mailing lists, source code control systems,<br/>and issue tracking systems that are managed by, or on behalf of, the<br/>Licensor for the purpose of discussing and improving the Work, but<br/>excluding communication that is conspicuously marked or otherwise<br/>designated in writing by the copyright owner as "Not a Contribution."</p> <p>"Contributor" shall mean Licensor and any individual or Legal Entity</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.</p> <p>2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.</p> <p>3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.</p> <p>4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:</p> <p>(a) You must give any other recipients of the Work or Derivative Works a copy of this License; and</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>(b) You must cause any modified files to carry prominent notices<br/>stating that You changed the files; and</p> <p>(c) You must retain, in the Source form of any Derivative Works<br/>that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and</p> <p>(d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must<br/>include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or,<br/>within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents<br/>of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided<br/>that such additional attribution notices cannot be construed as modifying the License.</p> <p>You may add Your own copyright statement to Your modifications and<br/>may provide additional or different license terms and conditions<br/>for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with<br/>the conditions stated in this License.</p> <p>5. Submission of Contributions. Unless You explicitly state otherwise,<br/>any Contribution intentionally submitted for inclusion in the Work<br/>by You to the Licensor shall be under the terms and conditions of<br/>this License, without any additional terms or conditions.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.</p> <p>6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.</p> <p>7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.</p> <p>8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.</p> <p>END OF TERMS AND CONDITIONS</p> <p>APPENDIX: How to apply the Apache License to your work.</p> <p>To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.</p> <p>Copyright [yyyy] [name of copyright owner]</p> <p>Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License.</p> <p>You may obtain a copy of the License at <a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.</p> <p>See the License for the specific language governing permissions and limitations under the License.</p> <p>-----</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>The Netty Project</p> <p>=====</p> <p>Please visit the Netty web site for more information:</p> <p>* <a href="https://netty.io/">https://netty.io/</a></p> <p>Copyright 2014 The Netty Project</p> <p>The Netty Project licenses this file to you under the Apache License, version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at: <a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.</p> <p>Also, please refer to each LICENSE.&lt;component&gt;.txt file, which is located in the 'license' directory of the distribution file, for the license terms of the components that this product depends on.</p> <p>-----</p> <p>This product contains the extensions to Java Collections Framework which has been derived from the works by JSR-166 EG, Doug Lea, and Jason T. Greene:</p> <p>* LICENSE:</p> <p>* <a href="#">license/LICENSE.jsr166y.txt</a> (Public Domain)</p> <p>The person or persons who have associated work with this document (the "Dedicator" or "Certifier") hereby either (a) certifies that, to the best of his knowledge, the work of authorship identified is in the public domain of the country from which the work is published, or (b) hereby dedicates whatever copyright the dedicators holds in the work of authorship identified below (the "Work") to the public domain. A certifier, moreover, dedicates any copyright interest he may have in the associated work, and for these purposes, is</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>described as a "dedicator" below.</p> <p>A certifier has taken reasonable steps to verify the copyright status of this</p> <p>work. Certifier recognizes that his good faith efforts may not shield him from</p> <p>liability if in fact the work certified is not in the public domain.</p> <p>Dedicator makes this dedication for the benefit of the public at large and to</p> <p>the detriment of the Dedicator's heirs and successors. Dedicator intends this</p> <p>dedication to be an overt act of relinquishment in perpetuity of all present</p> <p>and future rights under copyright law, whether vested or contingent, in the</p> <p>Work. Dedicator understands that such relinquishment of all rights includes</p> <p>the relinquishment of all rights to enforce (by lawsuit or otherwise) those</p> <p>copyrights in the Work.</p> <p>Dedicator recognizes that, once placed in the public domain, the Work may be</p> <p>freely reproduced, distributed, transmitted, used, modified, built upon, or</p> <p>otherwise exploited by anyone for any purpose, commercial or non-commercial,</p> <p>and in any way, including by methods that have not yet been invented or</p> <p>conceived.</p> <p>* HOMEPAGE:</p> <p>* <a href="http://gee.cs.oswego.edu/cgi-bin/viewcvs.cgi/jsr166/">http://gee.cs.oswego.edu/cgi-bin/viewcvs.cgi/jsr166/</a></p> <p>* <a href="http://viewvc.jboss.org/cgi-bin/viewvc.cgi/jboss-cache/experimental/jsr166/">http://viewvc.jboss.org/cgi-bin/viewvc.cgi/jboss-cache/experimental/jsr166/</a></p> <p>This product contains a modified version of Robert Harder's Public Domain</p> <p>Base64 Encoder and Decoder, which can be obtained at:</p> <p>* LICENSE:</p> <p>* <a href="#">license/LICENSE.base64.txt</a> (Public Domain)</p> <p>The person or persons who have associated work with this document (the</p> <p>"Dedicator" or "Certifier") hereby either (a) certifies that, to the best of</p> <p>his knowledge, the work of authorship identified is in the public domain of</p> <p>the country from which the work is published, or (b) hereby dedicates whatever</p> <p>copyright the dedicators holds in the work of authorship identified below (the</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>"Work") to the public domain. A certifier, moreover, dedicates any copyright interest he may have in the associated work, and for these purposes, is described as a "dedicator" below.</p> <p>A certifier has taken reasonable steps to verify the copyright status of this work. Certifier recognizes that his good faith efforts may not shield him from liability if in fact the work certified is not in the public domain.</p> <p>Dedicator makes this dedication for the benefit of the public at large and to the detriment of the Dedicator's heirs and successors. Dedicator intends this dedication to be an overt act of relinquishment in perpetuity of all present and future rights under copyright law, whether vested or contingent, in the Work. Dedicator understands that such relinquishment of all rights includes the relinquishment of all rights to enforce (by lawsuit or otherwise) those copyrights in the Work.</p> <p>Dedicator recognizes that, once placed in the public domain, the Work may be freely reproduced, distributed, transmitted, used, modified, built upon, or otherwise exploited by anyone for any purpose, commercial or non-commercial, and in any way, including by methods that have not yet been invented or conceived.</p> <p>* HOMEPAGE:<br/> * <a href="http://iharder.sourceforge.net/current/java/base64/">http://iharder.sourceforge.net/current/java/base64/</a></p> <p>This product contains a modified portion of 'Webbit', an event based WebSocket and HTTP server, which can be obtained at:</p> <p>* LICENSE:<br/> * <a href="#">license/LICENSE.webbit.txt</a> (BSD License)<br/> (BSD License: <a href="https://www.opensource.org/licenses/bsd-license">https://www.opensource.org/licenses/bsd-license</a>)</p> <p>Copyright (c) 2011, Joe Walnes, Aslak Hellesøy and contributors<br/> All rights reserved.</p> <p>Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.</p> <p>* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.</p> <p>* Neither the name of the Webbit nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.</p> <p>THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>* HOMEPAGE:<br/>* <a href="https://github.com/joewalnes/webbit">https://github.com/joewalnes/webbit</a></p> <p>This product contains a modified portion of 'SLF4J', a simple logging facade for Java, which can be obtained at:</p> <p>* LICENSE:<br/>* <a href="#">license/LICENSE.slf4j.txt</a> (MIT License)</p> <p>/*</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>* Copyright (c) 2004-2007 QOS.ch</p> <p>* All rights reserved.</p> <p>*</p> <p>* Permission is hereby granted, free of charge, to any person obtaining</p> <p>* a copy of this software and associated documentation files (the</p> <p>* "Software"), to deal in the Software without restriction, including</p> <p>* without limitation the rights to use, copy, modify, merge, publish,</p> <p>* distribute, sublicense, and/or sell copies of the Software, and to</p> <p>* permit persons to whom the Software is furnished to do so, subject to</p> <p>* the following conditions:</p> <p>*</p> <p>* The above copyright notice and this permission notice shall be</p> <p>* included in all copies or substantial portions of the Software.</p> <p>*</p> <p>* THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND,</p> <p>* EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF</p> <p>* MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND</p> <p>* NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE</p> <p>* LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION</p> <p>* OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION</p> <p>* WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.</p> <p>*/</p> <p>* HOMEPAGE:</p> <p>* <a href="https://www.slf4j.org/">https://www.slf4j.org/</a></p> <p>This product contains a modified portion of 'Apache Harmony', an open source</p> <p>Java SE, which can be obtained at:</p> <p>* NOTICE:</p> <p>* <a href="#">license/NOTICE.harmony.txt</a></p> <p>Apache Harmony</p> <p>Copyright 2006, 2010 The Apache Software Foundation.</p> <p>This product includes software developed at</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>The Apache Software Foundation (<a href="https://www.apache.org/">https://www.apache.org/</a>).</p> <p>* LICENSE:</p> <p>* license/LICENSE.harmony.txt (Apache License 2.0)</p> <p>* HOMEPAGE:</p> <p>* <a href="https://archive.apache.org/dist/harmony/">https://archive.apache.org/dist/harmony/</a></p> <p>This product contains a modified portion of 'jzip2', a Java bzip2 compression and decompression library written by Matthew J. Francis. It can be obtained at:</p> <p>* LICENSE:</p> <p>* license/LICENSE.jzip2.txt (MIT License)</p> <p>Copyright (c) 2010-2011 Matthew J. Francis and Contributors of the jzip2 Project</p> <p>Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:</p> <p>The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.</p> <p>THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.</p> <p>* HOMEPAGE:</p> <p>* <a href="https://code.google.com/p/jzip2/">https://code.google.com/p/jzip2/</a></p> <p>This product contains a modified portion of 'libdivsufsort', a C API library to construct the suffix array and the Burrows-Wheeler transformed string for any input string of</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>a constant-size alphabet written by Yuta Mori. It can be obtained at:</p> <p>* LICENSE:</p> <p>* license/LICENSE.libdivsufsort.txt (MIT License)</p> <p>Copyright (c) 2003-2008 Yuta Mori All Rights Reserved.</p> <p>Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:</p> <p>The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.</p> <p>THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.</p> <p>* HOMEPAGE:</p> <p>* <a href="https://github.com/y-256/libdivsufsort">https://github.com/y-256/libdivsufsort</a></p> <p>This product contains a modified portion of Nitsan Wakart's 'JCTools', Java Concurrency Tools for the JVM, which can be obtained at:</p> <p>* LICENSE:</p> <p>* license/LICENSE.jctools.txt (ASL2 License)</p> <p>* HOMEPAGE:</p> <p>* <a href="https://github.com/JCTools/JCTools">https://github.com/JCTools/JCTools</a></p> <p>This product optionally depends on 'JZlib', a re-implementation of zlib in pure Java, which can be obtained at:</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>* LICENSE:</p> <p>* license/LICENSE.jzlib.txt (BSD style License)</p> <p>Copyright (c) 2000,2001,2002,2003,2004 ymnk, JCraft,Inc. All rights reserved.</p> <p>Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:</p> <ol style="list-style-type: none"> <li>1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.</li> <li>2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.</li> <li>3. The names of the authors may not be used to endorse or promote products derived from this software without specific prior written permission.</li> </ol> <p>THIS SOFTWARE IS PROVIDED ``AS IS" AND ANY EXPRESSED OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL JCRAFT, INC. OR ANY CONTRIBUTORS TO THIS SOFTWARE BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>* HOMEPAGE:</p> <p>* <a href="http://www.jcraft.com/jzlib/">http://www.jcraft.com/jzlib/</a></p> <p>This product optionally depends on 'Compress-LZF', a Java library for encoding and decoding data in LZF format, written by Tatu Saloranta. It can be obtained at:</p> <p>* LICENSE:</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>* license/LICENSE.compress-lzf.txt (Apache License 2.0)<br/>Copyright 2009-2010 Ning, Inc.</p> <p>Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at <a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.</p> <p>* HOMEPAGE:<br/>* <a href="https://github.com/ning/compress">https://github.com/ning/compress</a></p> <p>This product optionally depends on 'lz4', a LZ4 Java compression and decompression library written by Adrien Grand. It can be obtained at:</p> <p>* LICENSE:<br/>* license/LICENSE.lz4.txt (Apache License 2.0)<br/>* HOMEPAGE:<br/>* <a href="https://github.com/jpountz/lz4-java">https://github.com/jpountz/lz4-java</a></p> <p>This product optionally depends on 'lzma-java', a LZMA Java compression and decompression library, which can be obtained at:</p> <p>* LICENSE:<br/>* license/LICENSE.lzma-java.txt (Apache License 2.0)<br/>* HOMEPAGE:<br/>* <a href="https://github.com/jponge/lzma-java">https://github.com/jponge/lzma-java</a></p> <p>This product contains a modified portion of 'jfastlz', a Java port of FastLZ compression and decompression library written by William Kinney. It can be obtained at:</p> <p>* LICENSE:<br/>* license/LICENSE.jfastlz.txt (MIT License)<br/>The MIT License</p> <p>Copyright (c) 2009 William Kinney</p> <p>Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell</p> <p>copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:</p> <p>The above copyright notice and this permission notice shall be</p> <p>included in all copies or substantial portions of the Software.</p> <p>THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES</p> <p>OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND</p> <p>NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT</p> <p>HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY,</p> <p>WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING</p> <p>FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR</p> <p>OTHER DEALINGS IN THE SOFTWARE.</p> <p>* HOMEPAGE:</p> <p>* <a href="https://code.google.com/p/jfastlz/">https://code.google.com/p/jfastlz/</a></p> <p>This product contains a modified portion of and optionally depends on 'Protocol Buffers', Google's data interchange format, which can be obtained at:</p> <p>* LICENSE:</p> <p>* <a href="#">license/LICENSE.protobuf.txt</a> (New BSD License)</p> <p>Protocol Buffers - Google's data interchange format</p> <p>Copyright 2013 Google Inc. All rights reserved.</p> <p><a href="https://developers.google.com/protocol-buffers/">https://developers.google.com/protocol-buffers/</a></p> <p>Redistribution and use in source and binary forms, with or without</p> <p>modification, are permitted provided that the following conditions are</p> <p>met:</p> <p>* Redistributions of source code must retain the above copyright</p> <p>notice, this list of conditions and the following disclaimer.</p> <p>* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>in the documentation and/or other materials provided with the distribution.</p> <p>* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.</p> <p>THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>Code generated by the Protocol Buffer compiler is owned by the owner of the input file used when generating it. This code is not standalone and requires a support library to be linked with it. This support library is itself covered by the above license.</p> <p>* HOMEPAGE:<br/>* <a href="https://github.com/google/protobuf">https://github.com/google/protobuf</a></p> <p>This product optionally depends on 'Bouncy Castle Crypto APIs' to generate a temporary self-signed X.509 certificate when the JVM does not provide the equivalent functionality. It can be obtained at:</p> <p>* LICENSE:<br/>* <a href="#">license/LICENSE.bouncycastle.txt</a> (MIT License)<br/>The MIT License (MIT)</p> <p>Copyright (c) 2000 - 2013 The Legion of the Bouncy Castle Inc.</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>(<a href="https://www.bouncycastle.org">https://www.bouncycastle.org</a>)</p> <p>Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:</p> <p>The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.</p> <p>THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.</p> <p>* HOMEPAGE:<br/>* <a href="https://www.bouncycastle.org/">https://www.bouncycastle.org/</a></p> <p>This product optionally depends on 'Snappy', a compression library produced by Google Inc, which can be obtained at:</p> <p>* LICENSE:<br/>* <a href="#">license/LICENSE.snappy.txt</a> (New BSD License)<br/>Copyright 2011, Google Inc.<br/>All rights reserved.</p> <p>Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:</p> <p>* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.<br/>* Redistributions in binary form must reproduce the above</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>copyright notice, this list of conditions and the following disclaimer</p> <p>in the documentation and/or other materials provided with the distribution.</p> <p>* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.</p> <p>THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>* HOMEPAGE:</p> <p>* <a href="https://github.com/google/snappy">https://github.com/google/snappy</a></p> <p>This product optionally depends on 'JBoss Marshalling', an alternative Java serialization API, which can be obtained at:</p> <p>* LICENSE:</p> <p>* <a href="#">license/LICENSE.jboss-marshalling.txt</a> (Apache License 2.0)</p> <p>* HOMEPAGE:</p> <p>* <a href="https://github.com/jboss-remoting/jboss-marshalling">https://github.com/jboss-remoting/jboss-marshalling</a></p> <p>This product optionally depends on 'Caliper', Google's micro-benchmarking framework, which can be obtained at:</p> <p>* LICENSE:</p> <p>* <a href="#">license/LICENSE.caliper.txt</a> (Apache License 2.0)</p> <p>* HOMEPAGE:</p> <p>* <a href="https://github.com/google/caliper">https://github.com/google/caliper</a></p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>This product optionally depends on 'Apache Commons Logging', a logging framework, which can be obtained at:</p> <ul style="list-style-type: none"> <li>* LICENSE:</li> <li>* license/LICENSE.commons-logging.txt (Apache License 2.0)</li> <li>* HOMEPAGE:</li> <li>* <a href="https://commons.apache.org/logging/">https://commons.apache.org/logging/</a></li> </ul> <p>This product optionally depends on 'Apache Log4J', a logging framework, which can be obtained at:</p> <ul style="list-style-type: none"> <li>* LICENSE:</li> <li>* license/LICENSE.log4j.txt (Apache License 2.0)</li> <li>* HOMEPAGE:</li> <li>* <a href="https://logging.apache.org/log4j/">https://logging.apache.org/log4j/</a></li> </ul> <p>This product optionally depends on 'Aalto XML', an ultra-high performance non-blocking XML processor, which can be obtained at:</p> <ul style="list-style-type: none"> <li>* LICENSE:</li> <li>* license/LICENSE.aalto-xml.txt (Apache License 2.0)</li> </ul> <p>This copy of Aalto XML processor is licensed under the Apache (Software) License, version 2.0 ("the License"). See the License for details about distribution rights, and the specific rights regarding derivate works.</p> <p>You may obtain a copy of the License at:</p> <p><a href="https://www.apache.org/licenses/">https://www.apache.org/licenses/</a></p> <p>A copy is also included with both the the downloadable source code package and jar that contains class bytecodes, as file "ASL 2.0". In both cases, that file should be located next to this file: in source distribution the location should be "release-notes/asl"; and in jar "META-INF/"</p> <ul style="list-style-type: none"> <li>* HOMEPAGE:</li> <li>* <a href="http://wiki.fasterxml.com/AaltoHome">http://wiki.fasterxml.com/AaltoHome</a></li> </ul> <p>This product contains a modified version of 'HPACK', a Java implementation of the HTTP/2 HPACK algorithm written by Twitter. It can be obtained at:</p> <ul style="list-style-type: none"> <li>* LICENSE:</li> <li>* license/LICENSE.hpack.txt (Apache License 2.0)</li> <li>* HOMEPAGE:</li> <li>* <a href="https://github.com/twitter/hpack">https://github.com/twitter/hpack</a></li> </ul> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>This product contains a modified version of 'HPACK', a Java implementation of the HTTP/2 HPACK algorithm written by Cory Benfield. It can be obtained at:</p> <p>* LICENSE:<br/>           * license/LICENSE.hyper-hpack.txt (MIT License)<br/>           The MIT License (MIT)<br/>           Copyright (c) 2014 Cory Benfield</p> <p>Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:</p> <p>The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.</p> <p>THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.</p> <p>* HOMEPAGE:<br/>           * <a href="https://github.com/python-hyper/hpack/">https://github.com/python-hyper/hpack/</a></p> <p>This product contains a modified version of 'HPACK', a Java implementation of the HTTP/2 HPACK algorithm written by Tatsuhiro Tsujikawa. It can be obtained at:</p> <p>* LICENSE:<br/>           * license/LICENSE.nghttp2-hpack.txt (MIT License)<br/>           The MIT License<br/>           Copyright (c) 2012, 2014, 2015, 2016 Tatsuhiro Tsujikawa<br/>           Copyright (c) 2012, 2014, 2015, 2016 nghttp2 contributors</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:</p> <p>The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.</p> <p>THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.</p> <p>* HOMEPAGE:<br/>* <a href="https://github.com/nghttp2/nghttp2/">https://github.com/nghttp2/nghttp2/</a></p> <p>This product contains a modified portion of 'Apache Commons Lang', a Java library provides utilities for the java.lang API, which can be obtained at:</p> <p>* LICENSE:<br/>* <a href="#">license/LICENSE.commons-lang.txt</a> (Apache License 2.0)<br/>* HOMEPAGE:<br/>* <a href="https://commons.apache.org/proper/commons-lang/">https://commons.apache.org/proper/commons-lang/</a></p> <p>This product contains the Maven wrapper scripts from 'Maven Wrapper', that provides an easy way to ensure a user has everything necessary to run the Maven build.</p> <p>* LICENSE:<br/>* <a href="#">license/LICENSE.mvn-wrapper.txt</a> (Apache License 2.0)<br/>* HOMEPAGE:<br/>* <a href="https://github.com/takari/maven-wrapper">https://github.com/takari/maven-wrapper</a></p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>This product contains the dnsinfo.h header file, that provides a way to retrieve the system DNS configuration on MacOS. This private header is also used by Apple's open source mDNSResponder (<a href="https://opensource.apple.com/tarballs/mDNSResponder/">https://opensource.apple.com/tarballs/mDNSResponder/</a>).</p> <p>* LICENSE:</p> <p>* license/LICENSE.dnsinfo.txt (Apple Public Source License 2.0)</p> <p>/*</p> <p>* Copyright (c) 2004-2006, 2008, 2009, 2011 Apple Inc. All rights reserved.</p> <p>*</p> <p>* @APPLE_LICENSE_HEADER_START@</p> <p>*</p> <p>* This file contains Original Code and/or Modifications of Original Code</p> <p>* as defined in and that are subject to the Apple Public Source License</p> <p>* Version 2.0 (the 'License'). You may not use this file except in</p> <p>* compliance with the License. Please obtain a copy of the License at</p> <p>* <a href="https://www.opensource.apple.com/apsl/">https://www.opensource.apple.com/apsl/</a> and read it before using this</p> <p>* file.</p> <p>*</p> <p>* The Original Code and all software distributed under the License are</p> <p>* distributed on an 'AS IS' basis, WITHOUT WARRANTY OF ANY KIND, EITHER</p> <p>* EXPRESS OR IMPLIED, AND APPLE HEREBY DISCLAIMS ALL SUCH WARRANTIES,</p> <p>* INCLUDING WITHOUT LIMITATION, ANY WARRANTIES OF MERCHANTABILITY,</p> <p>* FITNESS FOR A PARTICULAR PURPOSE, QUIET ENJOYMENT OR NON-INFRINGEMENT.</p> <p>* Please see the License for the specific language governing rights and</p> <p>* limitations under the License.</p> <p>*</p> <p>* @APPLE_LICENSE_HEADER_END@</p> <p>*/</p> <p>* HOMEPAGE:</p> <p>* <a href="https://www.opensource.apple.com/source/configd/configd-453.19/dnsinfo/dnsinfo.h">https://www.opensource.apple.com/source/configd/configd-453.19/dnsinfo/dnsinfo.h</a></p> <p>This product optionally depends on 'Brotli4j', Brotli compression and decompression for Java., which can be obtained at:</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                           |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | * LICENSE:<br>* license/LICENSE.brotli4j.txt (Apache License 2.0)<br>* HOMEPAGE:<br>* <a href="https://github.com/hyperxpro/Brotli4j">https://github.com/hyperxpro/Brotli4j</a> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider     | Component (s)                     | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|--------------|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Square, Inc. | okhttp-logging-interceptor 4.11.0 | <p>Top level LT:</p> <p>-----</p> <p>License[1]<br/>Copyright 2019 Square, Inc.<br/>Licensed under the Apache License, Version 2.0 (the "License");<br/>you may not use this file except in compliance with the License.<br/>You may obtain a copy of the License at<br/><a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a><br/>Unless required by applicable law or agreed to in writing, software<br/>distributed under the License is distributed on an "AS IS" BASIS,<br/>WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.<br/>See the License for the specific language governing permissions and<br/>limitations under the License.<br/>Apache License, version 2.0 - See <a href="#">Appendix E</a><br/>4th party dependencies<br/>okio<br/>License<br/>-----<br/>"Apache 2.0 (see above)"<br/>-----</p> <p>kotlin-stdlib<br/>Copyright 2010-2018 JetBrains s.r.o. and Kotlin Programming Language contributors.<br/>License<br/>-----<br/>"Apache 2.0 (see above)"<br/>-----</p> <p>com.squareup.okhttp3:logging-interceptor : Apache License : License[1]<br/>-----</p> <p>com.squareup.okhttp3:logging-interceptor COPYRIGHT<br/>Copyright 2022 Square, Inc.<br/>Licensed under the Apache License, Version 2.0 (the "License");<br/>you may not use this file except in compliance with the License.<br/>You may obtain a copy of the License at<br/><a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.</p> <p>-----</p> <p>Dependencies:</p> <p>com.squareup.okhttp3:okhttp : Apache License : License[1]<br/> com.squareup.okio:okio : Apache License : License[1]<br/> org.jetbrains.kotlin:kotlin-stdlib-common : Apache License : License[1]<br/> org.jetbrains.kotlin:kotlin-stdlib: Apache License : License[1]<br/> org.jetbrains.annotations : Apache License : License[1]<br/> org.jetbrains.kotlin:kotlin-stdlib-jdk8 : Apache License : License[1]<br/> org.jetbrains.kotlin:kotlin-stdlib-jdk7 : Apache License : License[1]</p> <p>-----</p> <p>com.squareup.okhttp3:okhttp COPYRIGHT<br/> Copyright 2022 Square, Inc.</p> <p>Licensed under the Apache License, Version 2.0 (the "License");<br/> you may not use this file except in compliance with the License.<br/> You may obtain a copy of the License at<br/> <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.</p> <p>-----</p> <p>Notice:</p> <p>-----</p> <p>Note that PublicSuffixDatabase.gz is compiled from The Public Suffix List:<br/> <a href="https://publicsuffix.org/list/public_suffix_list.dat">https://publicsuffix.org/list/public_suffix_list.dat</a></p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>It is subject to the terms of the Mozilla Public License, v. 2.0:<br/> <a href="https://mozilla.org/MPL/2.0/">https://mozilla.org/MPL/2.0/</a></p> <p>-----</p> <p>com.squareup.okio:okio:jar COPYRIGHT<br/>         Copyright 2022 Square, Inc.</p> <p>Licensed under the Apache License, Version 2.0 (the<br/>         "License");<br/>         you may not use this file except in compliance with the<br/>         License.<br/>         You may obtain a copy of the License at<br/> <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Unless required by applicable law or agreed to in writing,<br/>         software<br/>         distributed under the License is distributed on an "AS IS"<br/>         BASIS,<br/>         WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND,<br/>         either express or implied.<br/>         See the License for the specific language governing<br/>         permissions and<br/>         limitations under the License.</p> <p>-----</p> <p>org.jetbrains.kotlin:kotlin-stdlib-common COPYRIGHT<br/>         /*<br/>         * Copyright 2010-2022 JetBrains s.r.o. and Kotlin<br/>         Programming Language contributors.<br/>         *<br/>         * Licensed under the Apache License, Version 2.0 (the<br/>         "License");<br/>         * you may not use this file except in compliance with the<br/>         License.<br/>         * You may obtain a copy of the License at<br/>         *<br/>         * <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a><br/>         *<br/>         * Unless required by applicable law or agreed to in writing,<br/>         software<br/>         * distributed under the License is distributed on an "AS IS"<br/>         BASIS,<br/>         * WITHOUT WARRANTIES OR CONDITIONS OF ANY<br/>         KIND, either express or implied.<br/>         * See the License for the specific language governing<br/>         permissions and<br/>         * limitations under the License.<br/>         */</p> <p>=====</p> <p>=====</p> <p>== NOTICE file corresponding to the section 4 d of ==</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <pre> == the Apache License, Version 2.0, == == in this case for the Kotlin Compiler distribution. == ===== =====  Kotlin Compiler Copyright 2010-2020 JetBrains s.r.o and respective authors and developers  ----- org.jetbrains.kotlin:kotlin-stdlib COPYRIGHT /*  * Copyright 2010-2022 JetBrains s.r.o. and Kotlin Programming Language contributors.  *  * Licensed under the Apache License, Version 2.0 (the "License");  * you may not use this file except in compliance with the License.  * You may obtain a copy of the License at  *  * http://www.apache.org/licenses/LICENSE-2.0  *  * Unless required by applicable law or agreed to in writing, software  * distributed under the License is distributed on an "AS IS" BASIS,  * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.  * See the License for the specific language governing permissions and  * limitations under the License.  */ ===== =====  == NOTICE file corresponding to the section 4 d of == == the Apache License, Version 2.0, == == in this case for the Kotlin Compiler distribution. == ===== =====  Kotlin Compiler Copyright 2010-2020 JetBrains s.r.o and respective authors and developers  ----- org.jetbrains:annotations COPYRIGHT /*  * Copyright 2000-2021 JetBrains s.r.o.  * </pre> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>* Licensed under the Apache License, Version 2.0 (the "License");</p> <p>* you may not use this file except in compliance with the License.</p> <p>* You may obtain a copy of the License at</p> <p>*</p> <p>* <a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a></p> <p>*</p> <p>* Unless required by applicable law or agreed to in writing, software</p> <p>* distributed under the License is distributed on an "AS IS" BASIS,</p> <p>* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.</p> <p>* See the License for the specific language governing permissions and</p> <p>* limitations under the License.</p> <p>*/</p> <p>-----</p> <p>org.jetbrains.kotlin:kotlin-stdlib-jdk8 COPYRIGHT</p> <p>/*</p> <p>* Copyright 2010-2022 JetBrains s.r.o. and Kotlin Programming Language contributors.</p> <p>*</p> <p>* Licensed under the Apache License, Version 2.0 (the "License");</p> <p>* you may not use this file except in compliance with the License.</p> <p>* You may obtain a copy of the License at</p> <p>*</p> <p>* <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>*</p> <p>* Unless required by applicable law or agreed to in writing, software</p> <p>* distributed under the License is distributed on an "AS IS" BASIS,</p> <p>* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.</p> <p>* See the License for the specific language governing permissions and</p> <p>* limitations under the License.</p> <p>*/</p> <p>=====</p> <p>=====</p> <p>== NOTICE file corresponding to the section 4 d of ==</p> <p>== the Apache License, Version 2.0, ==</p> <p>== in this case for the Kotlin Compiler distribution. ==</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <pre> ===== =====  Kotlin Compiler Copyright 2010-2020 JetBrains s.r.o and respective authors and developers  ----- org.jetbrains.kotlin:kotlin-stdlib-jdk7 COPYRIGHT /* * Copyright 2010-2022 JetBrains s.r.o. and Kotlin Programming Language contributors. * * Licensed under the Apache License, Version 2.0 (the "License"); * you may not use this file except in compliance with the License. * You may obtain a copy of the License at * * http://www.apache.org/licenses/LICENSE-2.0 * * Unless required by applicable law or agreed to in writing, software * distributed under the License is distributed on an "AS IS" BASIS, * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. * See the License for the specific language governing permissions and * limitations under the License. */  ===== =====  == NOTICE file corresponding to the section 4 d of == == the Apache License, Version 2.0, == == in this case for the Kotlin Compiler distribution. == ===== =====  Kotlin Compiler Copyright 2010-2020 JetBrains s.r.o and respective authors and developers  ----- ----- Mozilla Public License See <a href="#">Appendix R</a> </pre> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider      | Component (s)           | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|---------------|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| James D Bloom | mockserver-netty 5.13.2 | <p>==== Public License Template<br/>=====</p> <p>==== This template is provided to help you identify and sort all information<br/>==== required for the Public Licenses &amp; Copyright Notices field. You do not<br/>==== need to use or keep this template in place, as long as all details are<br/>==== provided and organized in such a way that D&amp;E Legal can understand what<br/>==== belongs where.<br/>====</p> <p>==== The template is sorted into three sections: copyright notices for the<br/>==== TOP-LEVEL component, the license for the top-level component, and the<br/>==== same information for all fourth-party dependencies. If you are not sure<br/>==== about the difference between top-level and fourth-party dependencies,<br/>==== please review the section on Fourth-Party Dependencies in the<br/>==== Corporate Architecture Third-Party Approval FAQ at<br/>==== <a href="https://confluence.oraclecorp.com/confluence/x/O4G_Bg">https://confluence.oraclecorp.com/confluence/x/O4G_Bg</a> .<br/>==== We especially recommend reading "What information is required in the<br/>==== Public Licenses &amp; Copyright Notices field?" and "What is a copyright<br/>==== notice? Where do I find it?"<br/>====</p> <p>----- Top-level license -----</p> <p>==== Insert the full text of the top-level license(s) for the component here.<br/>==== This is the license that covers the entire component. If the component<br/>==== is offered under multiple licenses or a choice of licenses, enter all<br/>==== of them. Do not enter only a URL.<br/>====</p> <p>====</p> <p>Apache License Version 2.0, January 2004 <a href="http://www.apache.org/licenses/">http://www.apache.org/licenses/</a><br/>Apache License, version 2.0 - See <a href="#">Appendix E</a><br/>== NAME OF DEPENDENCY 1<br/>mockserver-netty</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | mockserver-client-java<br>mockserver-core<br>== License<br>Apache License 2.0<br>Apache License, version 2.0 - See <a href="#">Appendix E</a><br>------(separator)-----<br>== NAME OF DEPENDENCY 2<br>netty-buffer<br>netty-codec-http<br>netty-common<br>netty-handler<br>netty-transport<br>netty-tcnative-boringssl-static<br>== License<br>Apache License, version 2.0 - See <a href="#">Appendix E</a><br>------(separator)-----<br>== NAME OF DEPENDENCY 3<br>commons-io<br>== License<br>Apache License 2.0<br>Apache License, version 2.0 - See <a href="#">Appendix E</a><br>------(separator)-----<br>== NAME OF DEPENDENCY 4<br>guava<br>== License<br>Apache License 2.0<br>Apache License, version 2.0 - See <a href="#">Appendix E</a><br>------(separator)-----<br>== NAME OF DEPENDENCY 4<br>slf4j-api<br>== License<br>MIT License (MIT)<br>See <a href="#">Appendix G</a><br>== Copyright Notices<br>Copyright (c) 2004-2022 QOS.ch Sarl (Switzerland)<br>------(separator)----- |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s)                                | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------|----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Mockito  | mockito-inline 4.6.1<br>mockito-inline 5.2.0 | <pre> ----- Top-level license ----- Mockito  MIT License (MIT) See <a href="#">Appendix G</a>  ----- Copyright notices -----  /*  * Copyright (c) 2007 Mockito contributors  * This program is made available under the terms of the MIT License.  */  ----- Fourth-party information -----  == NAME OF DEPENDENCY 1 mockito-core  == License The MIT License  MIT License (MIT) See <a href="#">Appendix G</a>  == Copyright Notices Copyright (c) 2007 Mockito contributors  ----- (separator)----- == NAME OF DEPENDENCY 2 byte-buddy byte-buddy-agent  == License Apache License  Apache License, version 2.0 - See <a href="#">Appendix E</a>  ----- (separator)-----  == NAME OF DEPENDENCY 3 objenesis == License: Apache 2.0  == Copyright Notices  /*  * Copyright 2006-2022 Joe Walnes  *  * Licensed under the Apache License, Version 2.0 (the "License"); </pre> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <pre> * you may not use this file except in compliance with the License. * You may obtain a copy of the License at * *     http://www.apache.org/licenses/LICENSE-2.0 * * Unless required by applicable law or agreed to in writing, software * distributed under the License is distributed on an "AS IS" BASIS, * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. * See the License for the specific language governing permissions and * limitations under the License. */ ===== ===== </pre> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider      | Component (s)       | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|---------------|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Coda Hale     | metrics-core 4.2.21 | <pre> o.dropwizard.metrics:metrics-core  Copyright (c) 2010-2013 Coda Hale, Yammer.com, 2014-2021 Dropwizard Team  Published under Apache Software License 2.0 LICENSE: Apache 2.0  Apache License, version 2.0 - See <a href="#">Appendix E</a>  ===== == Modules: metrics-core  ===== == Notice File:  This product includes code derived from the JSR-166 project (ThreadLocalRandom, Striped64, LongAdder), which was released with the following comments:      Written by Doug Lea with assistance from members of JCP JSR-166     Expert Group and released to the public domain, as explained at http://creativecommons.org/publicdomain/zero/1.0/  ===== == Dependencies:      org.slf4j slf4j-api  MIT License (MIT) See <a href="#">Appendix G</a> </pre> |
| Fedor Indutny | ip 1.1.9            | <pre> ip ----- This software is licensed under the MIT License.  MIT License (MIT) See <a href="#">Appendix G</a> </pre>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider                   | Component (s)                         | Licensing Information                                                                                                                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sindre Sorhus              | import-fresh 3.3.0                    | <p>MIT License</p> <p>Copyright (c) Sindre Sorhus (sindresorhus.com)</p> <p>MIT License (MIT)</p> <p>See <a href="#">Appendix G</a></p> <p>#####4th party dependencies#####</p> <p>"parent-module": "^1.0.0", MIT</p> <p>MIT License (MIT)</p> <p>See <a href="#">Appendix G</a></p>                                                                                                |
| Apache Software Foundation | HttpCore NIO 4.4.16<br>HttpCore 5.2.3 | <p>HttpCore NIO</p> <p>License : Apache 2.0</p> <p>Notice:</p> <p>Apache HttpComponents Core</p> <p>Copyright 2005-2020 The Apache Software Foundation</p> <p>This product includes software developed at<br/>The Apache Software Foundation (<a href="http://www.apache.org/">http://www.apache.org/</a>).</p> <p>Apache License, version 2.0 - See <a href="#">Appendix E</a></p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider                        | Component (s)               | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|---------------------------------|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Mike Rooney,<br>Richard Bywater | HTML Publisher Plug-in 1.31 | <p>htmlpublisher-plugin,1.28 (HTML Publisher)</p> <p>MIT License (MIT)<br/>See <a href="#">Appendix G</a></p> <p>----- 4TH PARTY DEPENDENCIES -----</p> <p>workflow-step-api-plugin(Pipeline: Step API)</p> <p>~</p> <p>MIT License (MIT)<br/>See <a href="#">Appendix G</a></p> <p>*****<br/>*****<br/>*****<br/>matrix-project-plugin (Matrix Project Plugin)</p> <p>The MIT License</p> <p>Copyright (c) 2004-2009, Sun Microsystems, Inc.,<br/>Kohsuke Kawaguchi<br/>Copyright 2014 Jesse Glick.<br/>Copyright (c) 2015 Red Hat, Inc.<br/>Copyright (c) 2010-2011, Alan Harder<br/>Copyright 2016 EvilTK.<br/>Copyright (c) 2004-2011, Sun Microsystems, Inc.,<br/>CloudBees, Inc.<br/>Copyright (c) 2004-2010, Sun Microsystems, Inc.<br/>Kohsuke Kawaguchi. Knud Poulsen<br/>Copyright 2012 sogabe<br/>Copyright (c) 2013, Chunghwa Telecom Co., Ltd.,<br/>Pei-Tang Huang<br/>Copyright (c) 2006, 2008 Junio C Hamano<br/>Copyright (c) 2010, InfraDNA, Inc.</p> <p>Begin license text.<br/>Copyright</p> <p>MIT License (MIT)<br/>See <a href="#">Appendix G</a></p> <p>End license text.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider   | Component (s)                                       | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|------------|-----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| QOS.ch     | slf4j-api 1.7.32                                    | Copyright (c) 2004-2017 QOS.ch<br>All rights reserved.<br><br>See <a href="#">Appendix G</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| ISC        | bind-utils9.11.36-8                                 | Mozilla Public License, version 2.0 - See <a href="#">Appendix R</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| fabric8io  | kubernetes-client 5.6.0<br>kubernetes-client 5.12.2 | Copyright (C) 2015 Red Hat, Inc<br><br>Apache License, version 2.0 - See <a href="#">Appendix E</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Jenkins CI | Blue Ocean 1.27.9<br>Blue Ocean 1.27.10             | *****<br>*****<br>***** Copied from BA Public License<br>*****<br><br>*****<br>*****<br>***** Copied from LT Public License &<br>Copyright Notices *****<br>The MIT License<br>Copyright (c) 2016 CloudBees Inc and a number of<br>other of contributors<br>Permission is hereby granted, free of charge, to<br>any person obtaining a copy<br>of this software and associated documentation<br>files (the "Software"), to deal<br>in the Software without restriction, including<br>without limitation the rights<br>to use, copy, modify, merge, publish, distribute,<br>sublicense, and/or sell<br>copies of the Software, and to permit persons to<br>whom the Software is<br>furnished to do so, subject to the following<br>conditions:<br>The above copyright notice and this permission<br>notice shall be included in<br>all copies or substantial portions of the Software.<br>THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY<br>OF ANY KIND, EXPRESS OR<br>IMPLIED, INCLUDING BUT NOT LIMITED TO THE<br>WARRANTIES OF MERCHANTABILITY,<br>FITNESS FOR A PARTICULAR PURPOSE AND<br>NONINFRINGEMENT. IN NO EVENT SHALL THE<br>AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY<br>CLAIM, DAMAGES OR OTHER<br>LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT<br>OR OTHERWISE, ARISING FROM,<br>OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE<br>USE OR OTHER DEALINGS IN<br>THE SOFTWARE. |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider    | Component (s)   | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-------------|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Scott Motte | dotenv 16.0.3   | <p>----- Top-level license -----</p> <p>Copyright (c) 2015, Scott MotteAll rights reserved.</p> <p>Redistribution and use in source and binary forms, with or withoutmodification, are permitted provided that the following conditions are met:* Redistributions of source code must retain the above copyright notice, thislist of conditions and the following disclaimer.* Redistributions in binary form must reproduce the above copyright notice,this list of conditions and the following disclaimer in the documentationand/or other materials provided with the distribution.THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS"AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THEIMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE AREDISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLEFOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIALDAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS ORSERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVERCAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY,ORTORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USEOF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE</p> <p>----- Copyright notices -----</p> <p>Copyright (c) 2015, Scott Motte</p> <p>----- Fourth-party information -----</p> <p>None</p> |
| Tomaz Solc  | jsonmerge 1.9.2 | <p>jsonmerge<br/>Copyright 2021, Tomaz Solc</p> <p>MIT License See <a href="#">Appendix G</a></p> <hr/> <p>jsonschema</p> <p>MIT License See <a href="#">Appendix G</a></p> <hr/> <p>pyrsistent</p> <p>MIT License See <a href="#">Appendix G</a></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider                                       | Component (s) | Licensing Information                                                                                                                                          |
|------------------------------------------------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Benno Rice,<br>Richard Jones<br>and Jens Engel | behave 1.2.6  | Copyright (c) 2012-2014 Benno Rice, Richard Jones,<br>Jens Engel and others, except where noted.<br>All rights reserved.<br><br>See <a href="#">Appendix M</a> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s)     | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| hapijs   | @hapi/inert 7.1.0 | <p>@hapi/inert</p> <p>Copyright (c) 2012-2020, Sideway Inc, and project contributors<br/> Copyright (c) 2014-2019, Gil Pedersen<br/> Copyright (c) 2012-2014, Walmart.<br/> All rights reserved.</p> <p>Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:</p> <p>Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.<br/> Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.</p> <p>The names of any contributors may not be used to endorse or promote products derived from this software without specific prior written permission. THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDERS AND CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>=====4th party dependencies=====</p> <p>See <a href="#">Appendix M</a></p> <p>THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDERS AND CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>=====4th party dependencies=====</p> <p>@hapi/ammo, BSD-style license</p> <p>Copyright (c) 2014-2017, Project contributors<br/>Copyright (c) 2014, Walmart<br/>All rights reserved.</p> <p>See <a href="#">Appendix M</a></p> <p>-----</p> <p>@hapi/hoek, BSD-style license</p> <p>Copyright (c) 2011-2017, Project contributors<br/>Copyright (c) 2011-2014, Walmart<br/>Copyright (c) 2011, Yahoo Inc.<br/>All rights reserved.</p> <p>See <a href="#">Appendix M</a></p> <p>-----</p> <p>@hapi/boom, BSD-style license</p> <p>Copyright (c) 2012-2017, Project contributors.<br/>Copyright (c) 2012-2014, Walmart.<br/>All rights reserved.</p> <p>See <a href="#">Appendix M</a></p> <p>-----</p> <p>@hapi/bounce, BSD-style license</p> <p>Copyright (c) 2017, Project contributors.<br/>All rights reserved.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>See <a href="#">Appendix M</a></p> <p>-----</p> <p>@hapi/validate, BSD-3-Clause License</p> <p>Copyright (c) 2012-2022, Project contributors<br/> Copyright (c) 2012-2020, Sideway Inc<br/> Copyright (c) 2012-2014, Walmart.<br/> All rights reserved.</p> <p>See <a href="#">Appendix M</a></p> <p>-----</p> <p>@hapi/topo, BSD-3-Clause License</p> <p>Copyright (c) 2012-2022, Project contributors<br/> Copyright (c) 2012-2020, Sideway Inc<br/> Copyright (c) 2012-2014, Walmart.<br/> All rights reserved.</p> <p>See <a href="#">Appendix M</a></p> <p>-----</p> <p>lru-cache</p> <p>MIT License See <a href="#">Appendix G</a></p> <p>-----</p> <p>yallist</p> <p>The ISC License</p> <p>Copyright (c) 2015-2022 Isaac Z. Schlueter and Contributors</p> <p>Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.</p> <p>THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR</p> |

Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                            |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <div>ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.</div> <div>-----</div> <div>-----</div> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s)      | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| hapijs   | @hapi/wreck 18.0.0 | <p>@hapi/wreck</p> <p>Copyright (c) 2012-2022, Project contributors<br/>Copyright (c) 2012-2020, Sideway Inc<br/>Copyright (c) 2012-2014, Walmart.<br/>All rights reserved.</p> <p>See <a href="#">Appendix M</a></p> <p>=====<br/>dependencies=====</p> <p>@hapi/boom</p> <p>Copyright (c) 2012-2017, Project contributors.<br/>Copyright (c) 2012-2014, Walmart.<br/>All rights reserved.</p> <p>See <a href="#">Appendix M</a></p> <p>-----</p> <p>@hapi/hoek</p> <p>Copyright (c) 2011-2017, Project contributors<br/>Copyright (c) 2011-2014, Walmart<br/>Copyright (c) 2011, Yahoo Inc.<br/>All rights reserved.</p> <p>See <a href="#">Appendix M</a></p> <p>-----</p> <p>@hapi/bourne</p> <p>Copyright (c) 2019-2022, Project contributors<br/>Copyright (c) 2019-2020, Sideway Inc<br/>All rights reserved.</p> <p>See <a href="#">Appendix M</a></p> <p>-----</p> <p>-----</p> <p>-----</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| hapijs   | hapi 20.21    | <p>Copyright (c) 2011-2020, Sideway Inc, and project contributors<br/> Copyright (c) 2011-2014, Walmart<br/> Copyright (c) 2011, Yahoo Inc.<br/> All rights reserved.</p> <p>See <a href="#">Appendix M</a></p> <p style="text-align: center;">* * *</p> <p>The complete list of contributors can be found at:<br/> <a href="https://github.com/hapijs/hapi/graphs/contributors">https://github.com/hapijs/hapi/graphs/contributors</a><br/> Portions of this project were initially based on the Yahoo! Inc. Postmile project,<br/> published at <a href="https://github.com/yahoo/postmile">https://github.com/yahoo/postmile</a>.</p> <p>=====</p> <p>Below are 4th party dependencies</p> <p>=====</p> <p>+++++++<br/> wreck, v17.0.0, BSD-style license<br/> Copyright (c) 2012-2017, Project contributors<br/> Copyright (c) 2012-2014, Walmart<br/> All rights reserved.</p> <p>See <a href="#">Appendix M</a></p> <p>+++++++<br/> topo, v5.0.0, BSD-style license</p> <p>Copyright (c) 2014-2016, Project contributors<br/> Copyright (c) 2014, Walmart<br/> All rights reserved.</p> <p>See <a href="#">Appendix M</a></p> <p>+++++++<br/> teamwork, v4.0.0, BSD-style license<br/> Copyright (c) 2015-2017, Eran Hammer and Project contributors<br/> All rights reserved.</p> <p>See <a href="#">Appendix M</a></p> <p>+++++++<br/> subtext, v7.0.3, BSD-style license<br/> statehood, v7.0.2, BSD-style license</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>shot, v5.0.0, BSD-Style license<br/> mimos, v5.0.0, BSD-Style license<br/> call, v8.0.0, BSD-style license<br/> ammo, v5.0.1, BSD-style license</p> <p>Copyright (c) 2014-2017, Project contributors<br/> Copyright (c) 2014, Walmart<br/> All rights reserved.</p> <p>See <a href="#">Appendix M</a></p> <p>+++++</p> <p>podium, v4.0.0, BSD-style license<br/> Copyright (c) 2016-2017, Project contributors<br/> All rights reserved.</p> <p>See <a href="#">Appendix M</a></p> <p>+++++</p> <p>joi, v17.0.0, BSD-style license</p> <p>Copyright (c) 2014-2018, Project contributors<br/> Copyright (c) 2014, Walmart<br/> All rights reserved.</p> <p>See <a href="#">Appendix M</a></p> <p>+++++</p> <p>hoek, v9.0.0, BSD-style license</p> <p>Copyright (c) 2011-2017, Project contributors<br/> Copyright (c) 2011-2014, Walmart<br/> Copyright (c) 2011, Yahoo Inc.<br/> All rights reserved.</p> <p>See <a href="#">Appendix M</a></p> <p>+++++</p> <p>heavy, v7.0.0, BSD-style license</p> <p>Copyright (c) 2013-2017, Project contributors<br/> Copyright (c) 2013-2014, Walmart<br/> All rights reserved.</p> <p>See <a href="#">Appendix M</a></p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>+++++</p> <p>catbox-memory, v5.0.0, BSD-style license</p> <p>catbox, v11.1.0, BSD-style license</p> <p>Copyright (c) 2012-2018, Project contributors</p> <p>Copyright (c) 2012-2014, Walmart</p> <p>All rights reserved.</p> <p>See <a href="#">Appendix M</a></p> <p>+++++</p> <p>bounce, v2.0.0, BSD-style license</p> <p>Copyright (c) 2017, Project contributors.</p> <p>All rights reserved.</p> <p>See <a href="#">Appendix M</a></p> <p>+++++</p> <p>boom, v9.0.0, BSD-style license</p> <p>Copyright (c) 2012-2017, Project contributors.</p> <p>Copyright (c) 2012-2014, Walmart.</p> <p>All rights reserved.</p> <p>See <a href="#">Appendix M</a></p> <p>+++++</p> <p>accept, v5.0.1, BSD-style license</p> <p>Copyright (c) 2014-2017, Project contributors.</p> <p>Copyright (c) 2015-2016, Mark Bradshaw</p> <p>Copyright (c) 2014, Walmart.</p> <p>All rights reserved.</p> <p>See <a href="#">Appendix M</a></p> <p>.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s)                                 | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------|-----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ISC      | bind-utils 9.11.36-3<br>bind-utils 9.11.36-11 | <p>Mozilla Public License, version 2.0 - See <a href="#">Appendix R</a></p> <p>Copyright (C) 1996-2019 Internet Systems Consortium, Inc. ("ISC")</p> <p>This Source Code Form is subject to the terms of the Mozilla Public License, v. 2.0. If a copy of the MPL was not distributed with this file, You can obtain one at <a href="http://mozilla.org/MPL/2.0/">http://mozilla.org/MPL/2.0/</a>.</p> <p>-----</p> <p>Portions of this code release fall under one or more of the following Copyright notices. Please see individual source files for details.</p> <p>For binary releases also see: OpenSSL-LICENSE.</p> <p>Copyright (C) 1996-2001 Nominum, Inc.</p> <p>Permission to use, copy, modify, and distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.</p> <p>THE SOFTWARE IS PROVIDED "AS IS" AND NOMINUM DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL NOMINUM BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.</p> <p>-----</p> <p>Copyright (C) 1995-2000 by Network Associates, Inc.</p> <p>Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.</p> <p>THE SOFTWARE IS PROVIDED "AS IS" AND ISC AND NETWORK ASSOCIATES DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL ISC BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.</p> <p>-----</p> <p>Copyright (C) 2002 Stichting NLnet, Netherlands, stichting@nlnet.nl.</p> <p>Permission to use, copy, modify, and distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.</p> <p>THE SOFTWARE IS PROVIDED "AS IS" AND STICHTING NLNET DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL STICHTING NLNET BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.</p> <p>The development of Dynamically Loadable Zones (DLZ) for Bind 9 was conceived and contributed by Rob Butler.</p> <p>Permission to use, copy, modify, and distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.</p> <p>THE SOFTWARE IS PROVIDED "AS IS" AND ROB BUTLER</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL ROB BUTLER BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.</p> <p>-----</p> <p>Copyright (c) 1987, 1990, 1993, 1994<br/>The Regents of the University of California. All rights reserved.<br/>See <a href="#">Appendix M</a></p> <p>-----</p> <p>Copyright (C) The Internet Society 2005. This version of this module is part of RFC 4178; see the RFC itself for full legal notices.<br/>(The above copyright notice is per RFC 3978 5.6 (a), q.v.)</p> <p>-----</p> <p>Copyright (c) 2004 Masarykova universita<br/>(Masaryk University, Brno, Czech Republic)<br/>All rights reserved.<br/>See <a href="#">Appendix M</a></p> <p>-----</p> <p>Copyright (c) 1997 - 2003 Kungliga Tekniska Högskolan<br/>(Royal Institute of Technology, Stockholm, Sweden).<br/>All rights reserved.<br/>See <a href="#">Appendix M</a></p> <p>-----</p> <p>Copyright (c) 1998 Doug Rabson<br/>All rights reserved.<br/>Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:<br/>See <a href="#">Appendix M</a></p> <p>-----</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Copyright ((c)) 2002, Rice University<br/>All rights reserved.</p> <p>Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:</p> <ul style="list-style-type: none"> <li>* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.</li> <li>* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.</li> <li>* Neither the name of Rice University (RICE) nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.</li> </ul> <p>This software is provided by RICE and the contributors on an "as is" basis, without any representations or warranties of any kind, express or implied including, but not limited to, representations or warranties of non-infringement, merchantability or fitness for a particular purpose. In no event shall RICE or contributors be liable for any direct, indirect, incidental, special, exemplary, or consequential damages (including, but not limited to, procurement of substitute goods or services; loss of use, data, or profits; or business interruption) however caused and on any theory of liability, whether in contract, strict liability, or tort (including negligence or otherwise) arising in any way out of the use of this software, even if advised of the possibility of such damage.</p> <p>-----</p> <p>Copyright (c) 1993 by Digital Equipment Corporation.<br/>Permission to use, copy, modify, and distribute this software for any purpose with or without fee is hereby granted, provided that the above</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>copyright notice and this permission notice appear in all copies, and that</p> <p>the name of Digital Equipment Corporation not be used in advertising or</p> <p>publicity pertaining to distribution of the document or software without</p> <p>specific, written prior permission.</p> <p>THE SOFTWARE IS PROVIDED "AS IS" AND DIGITAL EQUIPMENT CORP. DISCLAIMS ALL</p> <p>WARRANTIES WITH REGARD TO THIS SOFTWARE, INCLUDING ALL IMPLIED WARRANTIES</p> <p>OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL DIGITAL EQUIPMENT</p> <p>CORPORATION BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL</p> <p>DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR</p> <p>PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS</p> <p>ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS</p> <p>SOFTWARE.</p> <p>-----</p> <p>Copyright 2000 Aaron D. Gifford. All rights reserved.</p> <p>See <a href="#">Appendix M</a></p> <p>-----</p> <p>Copyright (c) 1998 Doug Rabson.</p> <p>Copyright (c) 2001 Jake Burkholder.</p> <p>All rights reserved.</p> <p>See <a href="#">Appendix M</a></p> <p>-----</p> <p>Copyright (C) 1995, 1996, 1997, and 1998 WIDE Project.</p> <p>All rights reserved.</p> <p>See <a href="#">Appendix M</a></p> <p>-----</p> <p>Copyright (c) 1999-2000 by Nortel Networks Corporation</p> <p>Permission to use, copy, modify, and distribute this software for any</p> <p>purpose with or without fee is hereby granted, provided that the above</p> <p>copyright notice and this permission notice appear in all copies.</p> <p>THE SOFTWARE IS PROVIDED "AS IS" AND NORTEL NETWORKS DISCLAIMS</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL NORTEL NETWORKS BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.</p> <p>-----</p> <p>Copyright (c) 2000-2002 Japan Network Information Center. All rights reserved.</p> <p>By using this file, you agree to the terms and conditions set forth bellow.</p> <p>LICENSE TERMS AND CONDITIONS</p> <p>The following License Terms and Conditions apply, unless a different license is obtained from Japan Network Information Center ("JPNIC"), a Japanese association, Kokusai-Kougyou-Kanda Bldg 6F, 2-3-4 Uchi-Kanda, Chiyoda-ku, Tokyo 101-0047, Japan.</p> <ol style="list-style-type: none"> <li>1. Use, Modification and Redistribution (including distribution of any modified or derived work) in source and/or binary forms is permitted under this License Terms and Conditions.</li> <li>2. Redistribution of source code must retain the copyright notices as they appear in each source code file, this License Terms and Conditions.</li> <li>3. Redistribution in binary form must reproduce the Copyright Notice, this License Terms and Conditions, in the documentation and/or other materials provided with the distribution. For the purposes of binary distribution the "Copyright Notice" refers to the following language:<br/>"Copyright (c) 2000-2002 Japan Network Information Center. All rights reserved."</li> </ol> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>4. The name of JPNIC may not be used to endorse or promote products derived from this Software without specific prior written approval of JPNIC.</p> <p>5. Disclaimer/Limitation of Liability: THIS SOFTWARE IS PROVIDED BY JPNIC "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL JPNIC BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.</p> <p>-----</p> <p>Copyright (C) 2004 Nominet, Ltd.</p> <p>Permission to use, copy, modify, and distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.</p> <p>THE SOFTWARE IS PROVIDED "AS IS" AND NOMINET DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL ISC BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.</p> <p>-----</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Portions Copyright RSA Security Inc.</p> <p>License to copy and use this software is granted provided that it is identified as "RSA Security Inc. PKCS #11 Cryptographic Token Interface (Cryptoki)" in all material mentioning or referencing this software.</p> <p>License is also granted to make and use derivative works provided that such works are identified as "derived from the RSA Security Inc. PKCS #11 Cryptographic Token Interface (Cryptoki)" in all material mentioning or referencing the derived work.</p> <p>RSA Security Inc. makes no representations concerning either the merchantability of this software or the suitability of this software for any particular purpose. It is provided "as is" without express or implied warranty of any kind.</p> <p>-----</p> <p>Copyright (c) 1996, David Mazieres &lt;dm@uun.org&gt;<br/>Copyright (c) 2008, Damien Miller &lt;djm@openbsd.org&gt;</p> <p>Permission to use, copy, modify, and distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.</p> <p>THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.</p> <p>-----</p> <p>Copyright (c) 2000-2001 The OpenSSL Project. All rights reserved.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:</p> <ol style="list-style-type: none"> <li>1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.</li> <li>2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.</li> <li>3. All advertising materials mentioning features or use of this software must display the following acknowledgment:<br/>"This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. (<a href="http://www.OpenSSL.org/">http://www.OpenSSL.org/</a>)"</li> <li>4. The names "OpenSSL Toolkit" and "OpenSSL Project" must not be used to endorse or promote products derived from this software without prior written permission. For written permission, please contact <a href="mailto:licensing@OpenSSL.org">licensing@OpenSSL.org</a>.</li> <li>5. Products derived from this software may not be called "OpenSSL" nor may "OpenSSL" appear in their names without prior written permission of the OpenSSL Project.</li> <li>6. Redistributions of any form whatsoever must retain the following acknowledgment:<br/>"This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit (<a href="http://www.OpenSSL.org/">http://www.OpenSSL.org/</a>)"</li> </ol> <p>THIS SOFTWARE IS PROVIDED BY THE OpenSSL PROJECT ``AS IS'' AND ANY EXPRESSED OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE OpenSSL PROJECT OR ITS CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>-----</p> <p>Copyright (c) 1995, 1997, 1998 The NetBSD Foundation, Inc.<br/>All rights reserved.<br/>See <a href="#">Appendix M</a></p> <p>-----</p> <p>Copyright (C) 2008-2011 Red Hat, Inc.<br/>Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.<br/>THE SOFTWARE IS PROVIDED "AS IS" AND Red Hat DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL Red Hat BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.</p> <p>-----</p> <p>Copyright (c) 2013-2014, Farsight Security, Inc.<br/>All rights reserved.<br/>See <a href="#">Appendix M</a></p> <p>-----</p> <p>Copyright (c) 2014 by Farsight Security, Inc.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider               | Component (s)                                  | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|------------------------|------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                        |                                                | <p>Licensed under the Apache License, Version 2.0 (the "License");<br/>you may not use this file except in compliance with the License.<br/>You may obtain a copy of the License at<br/><a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a><br/>Unless required by applicable law or agreed to in writing, software<br/>distributed under the License is distributed on an "AS IS" BASIS,<br/>WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.<br/>See the License for the specific language governing permissions and<br/>limitations under the License.</p> |
| Google Inc.            | Blockly 9.3.3                                  | Apache License, version 2.0 - See <a href="#">Appendix E</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| OpenZipkin             | Brave 5.14.0                                   | Apache License, version 2.0 - See <a href="#">Appendix E</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| The OpenZipkin Authors | Brave OpenTracing Java Bridge for Zipkin 1.0.0 | <pre>Zipkin OpenTracing Brave (io.opentracing.brave:brave-opentracing) Copyright 2016-2020 The OpenZipkin Authors -----</pre> <p>Apache License, version 2.0 - See <a href="#">Appendix E</a></p>                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Vladimir Bukhtoyarov   | bucket4j 7.6.0                                 | Apache License, version 2.0 - See <a href="#">Appendix E</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider  | Component (s)  | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-----------|----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Ben Manes | caffeine 3.1.7 | <pre> /*  * Copyright 2015 Ben Manes. All Rights Reserved.  *  * Licensed under the Apache License, Version 2.0 (the "License");  * you may not use this file except in compliance with the License.  * You may obtain a copy of the License at  *  *     http://www.apache.org/licenses/LICENSE-2.0  *  * Unless required by applicable law or agreed to in writing, software  * distributed under the License is distributed on an "AS IS" BASIS,  * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.  * See the License for the specific language governing permissions and  * limitations under the License.  */  Apache License, version 2.0 - See <a href="#">Appendix E</a>  ***** *****  4th Party Dependencies  +++++++ akka-actor, v2.6.5, BSD license Copyright 2008, Google Inc. All rights reserved.  See <a href="#">Appendix M</a>  Code generated by the Protocol Buffer compiler is owned by the owner of the input file used when generating it. This code is not standalone and requires a support library to be linked with it. This support library is itself covered by the above license.  +++++++ cache2k-core, 1.3.1.Alpha, Apache 2.0 /*  * #L  * cache2k implementation  * %%  * Copyright (C) 2000 - 2020 headissue GmbH, Munich  * %%  * Licensed under the Apache License, Version 2.0 (the "License"); </pre> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>* you may not use this file except in compliance with the License.<br/> * You may obtain a copy of the License at<br/> *<br/> * <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a><br/> *<br/> * Unless required by applicable law or agreed to in writing, software<br/> * distributed under the License is distributed on an "AS IS" BASIS,<br/> * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.<br/> * See the License for the specific language governing permissions and<br/> * limitations under the License.<br/> * #L%<br/> */</p> <p>+++++<br/> checker-qual, v3.4.1, MIT<br/> Checker Framework qualifiers<br/> Copyright 2004-present by the Checker Framework developers</p> <p>MIT License See <a href="#">Appendix G</a></p> <p>+++++<br/> collision, v0.3.3, Apache 2.0<br/> No copyright info found from source code.</p> <p>+++++<br/> commonsCompress, v1.20, Apache 2.0<br/> commonsLang3, v3.10, Apache 2.0<br/> commonsMath3, v3.6.1, Apache 2.0<br/> Copyright 2001-2020 The Apache Software Foundation</p> <p>This product includes software developed at<br/> The Apache Software Foundation (<a href="https://www.apache.org/">https://www.apache.org/</a>).</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider  | Component (s)                    | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-----------|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Ben Manes | caffeine 2.8.5<br>caffeine 2.9.2 | <pre> /*  * Copyright 2015 Ben Manes. All Rights Reserved.  *  * Licensed under the Apache License, Version 2.0 (the "License");  * you may not use this file except in compliance with the License.  * You may obtain a copy of the License at  *  *     http://www.apache.org/licenses/LICENSE-2.0  *  * Unless required by applicable law or agreed to in writing, software  * distributed under the License is distributed on an "AS IS" BASIS,  * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.  * See the License for the specific language governing permissions and  * limitations under the License.  */  Apache License, version 2.0 - See <a href="#">Appendix E</a>  ***** *****  4th Party Dependencies  +++++++ akka-actor, v2.6.5, BSD license Copyright 2008, Google Inc. All rights reserved.  See <a href="#">Appendix M</a>  Code generated by the Protocol Buffer compiler is owned by the owner of the input file used when generating it. This code is not standalone and requires a support library to be linked with it. This support library is itself covered by the above license.  +++++++ cache2k-core, 1.3.1.Alpha, Apache 2.0 /*  * #L  * cache2k implementation  * %%  * Copyright (C) 2000 - 2020 headissue GmbH, Munich  * %%  * Licensed under the Apache License, Version 2.0 (the "License"); </pre> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>* you may not use this file except in compliance with the License.<br/> * You may obtain a copy of the License at<br/> *<br/> * <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a><br/> *<br/> * Unless required by applicable law or agreed to in writing, software<br/> * distributed under the License is distributed on an "AS IS" BASIS,<br/> * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.<br/> * See the License for the specific language governing permissions and<br/> * limitations under the License.<br/> * #L%<br/> */</p> <p>+++++<br/> checker-qual, v3.4.1, MIT<br/> Checker Framework qualifiers<br/> Copyright 2004-present by the Checker Framework developers</p> <p>MIT License See <a href="#">Appendix G</a></p> <p>+++++<br/> collision, v0.3.3, Apache 2.0<br/> No copyright info found from source code.</p> <p>+++++<br/> commonsCompress, v1.20, Apache 2.0<br/> commonsLang3, v3.10, Apache 2.0<br/> commonsMath3, v3.6.1, Apache 2.0<br/> Copyright 2001-2020 The Apache Software Foundation</p> <p>This product includes software developed at<br/> The Apache Software Foundation (<a href="https://www.apache.org/">https://www.apache.org/</a>).</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider                     | Component (s)                                                              | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|------------------------------|----------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Oracle and/or its affiliates | coherence-spring-boot-starter 3.0.0<br>coherence-spring-boot-starter 3.3.2 | <p>Top Level Component : coherence-spring-boot-starter<br/>-----</p> <p>Top Level Component License : The Universal Permissive License<br/>-----</p> <p>Top Level Component Copyright:<br/>-----</p> <p>Copyright (c) 2013, 2020, Oracle and/or its affiliates.</p> <p>The Universal Permissive License (UPL), Version 1.0</p> <p>Subject to the condition set forth below, permission is hereby granted to any person obtaining a copy of this software, associated documentation and/or data (collectively the "Software"), free of charge and under any and all copyright rights in the Software, and any and all patent rights owned or freely licensable by each licensor hereunder covering either (i) the unmodified Software as contributed to or provided by such licensor, or (ii) the Larger Works (as defined below), to deal in both</p> <p>(a) the Software, and<br/>(b) any piece of software and/or hardware listed in the lrgrwrks.txt file if one is included with the Software (each a "Larger Work" to which the Software is contributed by such licensors),</p> <p>without restriction, including without limitation the rights to copy, create derivative works of, display, perform, and distribute the Software and make, use, sell, offer for sale, import, export, have made, and have sold the Software and the Larger Work(s), and to sublicense the foregoing rights on either these or other terms.</p> <p>See <a href="#">Appendix G</a></p> <p>=====</p> <p>=====</p> <p>=====</p> <p>4th Party component 1: Spring Framework/spring-</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>boot-autoconfigure, spring-boot-configuration-processor, spring-boot-starter-validation<br/>4th Party component 1 licence: Apache 2.0<br/>=====</p> <p>This file lists dependencies that are used at runtime by an application built using this code.</p> <p>The following software (or certain identified files distributed with the software) may be included in this product. Unless otherwise specified, the software identified in this file is licensed under the licenses described below. The disclaimers and copyright notices provided are based on information made available to Oracle by the third party licensors listed.</p> <p>The following applies to all products licensed under the Apache 2.0 License:</p> <p>You may not use the identified files except in compliance with the Apache License, Version 2.0 (the "License.")</p> <p>You may obtain a copy of the License at <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a>.<br/>A copy of the license is also reproduced below.</p> <p>Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.</p> <p>See the License for the specific language governing permissions and limitations under the License.</p> <p>Apache License<br/>Version 2.0, January 2004<br/><a href="http://www.apache.org/licenses/">http://www.apache.org/licenses/</a></p> <p>TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION</p> <p>1. Definitions.</p> <p>"License" shall mean the terms and conditions for use, reproduction,</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>and distribution as defined by Sections 1 through 9 of this document.</p> <p>"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.</p> <p>"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.</p> <p>"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.</p> <p>"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.</p> <p>"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.</p> <p>"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).</p> <p>"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.</p> <p>"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."</p> <p>"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.</p> <p>2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.</p> <p>3. Grant of Patent License. Subject to the terms and conditions of</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.</p> <p>4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:</p> <p>(a) You must give any other recipients of the Work or Derivative Works a copy of this License; and</p> <p>(b) You must cause any modified files to carry prominent notices stating that You changed the files; and</p> <p>(c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and</p> <p>(d) If the Work includes a "NOTICE" text file as</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.</p> <p>You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.</p> <p>5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>with Licensor regarding such Contributions.</p> <p>6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.</p> <p>7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.</p> <p>8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.</p> <p>9. Accepting Warranty or Additional Liability. While redistributing</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.</p> <p>END OF TERMS AND CONDITIONS</p> <p>APPENDIX: How to apply the Apache License to your work.</p> <p>To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.</p> <p>Copyright [yyyy] [name of copyright owner]</p> <p>Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at</p> <p><a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND,</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>either express or implied.<br/>See the License for the specific language governing permissions and limitations under the License.</p> <p>=====</p> <p>=====</p> <p>=====</p> <p>4th Party component 2: Coherence CE/coherence-spring-core,coherence-java-client<br/>4th Party component 2 licence: The Universal Permissive License</p> <p>=====</p> <p>=====</p> <p>=====</p> <p># Coherence CE</p> <p>Copyright (c) 2013, 2020, Oracle and/or its affiliates.</p> <p>The Universal Permissive License (UPL), Version 1.0</p> <p>Subject to the condition set forth below, permission is hereby granted to any person obtaining a copy of this software, associated documentation and/or data (collectively the "Software"), free of charge and under any and all copyright rights in the Software, and any and all patent rights owned or freely licensable by each licensor hereunder covering either (i) the unmodified Software as contributed to or provided by such licensor, or (ii) the Larger Works (as defined below), to deal in both</p> <p>(a) the Software, and<br/>(b) any piece of software and/or hardware listed in the lrgrwrks.txt file if one is included with the Software (each a "Larger Work" to which the Software is contributed by such licensors),</p> <p>without restriction, including without limitation the rights to copy, create derivative works of, display, perform, and distribute the Software and make, use, sell, offer for sale, import, export, have made, and have sold the Software and the Larger Work(s), and to sublicense the foregoing rights on either these or other terms.</p> <p>See <a href="#">Appendix G</a></p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider      | Component (s)   | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|---------------|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|               |                 | <pre> ===== 4th Party component 3: Javax Annotation API 4th Party component 3 licence: COMMON DEVELOPMENT AND DISTRIBUTION LICENSE (CDDL) Version 1.0 ===== JSR-250 Common Annotations for the Java™ Platform Copyright 2005-2006 Sun Microsystems, Inc. All Rights Reserved.  See <a href="#">Appendix L</a>  ===== 4th Party component 7: javax.inject 4th Party component 7 licence: Apache licence 2.0 =====  Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at  http://www.apache.org/licenses/LICENSE-2.0 Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License. </pre> |
| Phillip Clark | deep-diff 1.0.2 | <p>Copyright (c) 2011-2018 Phillip Clark</p> <p>See <a href="#">Appendix G</a></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider               | Component (s)        | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|------------------------|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| The Prometheus Authors | client_golang 1.11.0 | <p>TOP-LEVEL COPYRIGHT NOTICE for client_golang -&gt; 1.11.0 RELEASE</p> <p>-----<br/>separator-----<br/>-----</p> <p>TOP-LEVEL LICENSE TEXT for client_golang -&gt; 1.11.0 RELEASE<br/>Apache License, version 2.0 - See <a href="#">Appendix E</a></p> <p>-----separator-----</p> <p>FOURTH-PARTY DEPENDENCY #1 github.com/beorn7/perks v1.0.1<br/>FOURTH-PARTY DEPENDENCY #1 COPYRIGHT And LICENSE NOTICES<br/>MIT License See <a href="#">Appendix G</a></p> <p>-----separator-----</p> <p>FOURTH-PARTY DEPENDENCY #2 github.com/cespare/xxhash/v2 v2.1.1<br/>FOURTH-PARTY DEPENDENCY #2 COPYRIGHT And LICENSE NOTICES<br/>MIT License See <a href="#">Appendix G</a></p> <p>-----separator-----</p> <p>FOURTH-PARTY DEPENDENCY #3 github.com/golang/protobuf v1.4.3<br/>FOURTH-PARTY DEPENDENCY #3 COPYRIGHT And LICENSE NOTICES<br/>BSD 3-Clause "New" or "Revised" License<br/>Copyright 2010 The Go Authors. All rights reserved.<br/>See <a href="#">Appendix M</a></p> <p>-----separator-----</p> <p>FOURTH-PARTY DEPENDENCY #4 github.com/json-iterator/go v1.1.11<br/>FOURTH-PARTY DEPENDENCY #4 COPYRIGHT And LICENSE NOTICES<br/>MIT License See <a href="#">Appendix G</a></p> <p>-----separator-----</p> <p>FOURTH-PARTY DEPENDENCY #5 github.com/prometheus/client_model v0.2.0<br/>FOURTH-PARTY DEPENDENCY #5 COPYRIGHT And LICENSE NOTICES<br/>Apache License, version 2.0 - See <a href="#">Appendix E</a></p> <p>-----separator-----</p> <p>FOURTH-PARTY DEPENDENCY #6 github.com/prometheus/common v0.26.0</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider     | Component (s)                    | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|--------------|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|              |                                  | <p>FOURTH-PARTY DEPENDENCY #6 COPYRIGHT And LICENSE NOTICES</p> <p>Apache License, version 2.0 - See <a href="#">Appendix E</a></p> <p>-----separator-----</p> <p>FOURTH-PARTY DEPENDENCY #7 github.com/prometheus/procfs v0.6.0</p> <p>FOURTH-PARTY DEPENDENCY #7 COPYRIGHT And LICENSE NOTICES</p> <p>Apache License, version 2.0 - See <a href="#">Appendix E</a></p> <p>-----separator-----</p> <p>FOURTH-PARTY DEPENDENCY #8 golang.org/x/sys v0.0.0-20210603081109-eb580a85c40</p> <p>FOURTH-PARTY DEPENDENCY #8 COPYRIGHT And LICENSE NOTICES</p> <p>Copyright (c) 2009 The Go Authors. All rights reserved.<br/>See <a href="#">Appendix M</a></p> <p>-----separator-----</p> <p>FOURTH-PARTY DEPENDENCY #9 golang.org/x/text v0.3.2 // indirect</p> <p>FOURTH-PARTY DEPENDENCY #9 COPYRIGHT And LICENSE NOTICES</p> <p>Copyright (c) 2009 The Go Authors. All rights reserved.<br/>See <a href="#">Appendix M</a></p> <p>-----separator-----</p> <p>FOURTH-PARTY DEPENDENCY #10 google.golang.org/protobuf v1.26.0-rc.1 // indirect</p> <p>FOURTH-PARTY DEPENDENCY #10 COPYRIGHT And LICENSE NOTICES</p> <p>Copyright (c) 2018 The Go Authors. All rights reserved.<br/>See <a href="#">Appendix M</a></p> |
| Sam Clements | colorlog 6.6.0<br>colorlog 6.8.0 | MIT License See <a href="#">Appendix G</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s)   | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Nominum  | dnspython 2.2.1 | <p>ISC License</p> <p>Copyright (C) Dnspython Contributors</p> <p>Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.</p> <p>THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.</p> <p>Copyright (C) 2001-2017 Nominum, Inc.<br/>Copyright (C) Google Inc.</p> <p>Permission to use, copy, modify, and distribute this software and its documentation for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.</p> <p>THE SOFTWARE IS PROVIDED "AS IS" AND NOMINUM DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL NOMINUM BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider                       | Component (s)                                                                                  | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|--------------------------------|------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| The Apache Software Foundation | Commons Collections 4.4                                                                        | The following applies to all products licensed under the Apache 2.0 License: You may not use the identified files except in compliance with the Apache License, Version 2.0 (the "License.") You may obtain a copy of the License at <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a> . A copy of the license is also reproduced below. Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.<br>Apache License, version 2.0 - See <a href="#">Appendix E</a> |
| Apache                         | Commons CSV 1.8                                                                                | Apache License, version 2.0 - See <a href="#">Appendix E</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Apache                         | Commons IO 2.6<br>Commons IO 2.7<br>Commons IO 2.8.0<br>Commons IO 2.11.0<br>Commons IO 2.13.0 | Apache License, version 2.0 - See <a href="#">Appendix E</a><br>Fourth-party<br>JUnit Eclipse Public License 1.0 - See <a href="#">Appendix J</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Apache                         | commons-lang 3.9<br>commons-lang 3.10<br>Commons Lang 3.13.0                                   | Apache License, version 2.0 - See <a href="#">Appendix E</a><br>-----<br>COPYRIGHT:<br>Ships with following notice file:<br>Apache Commons Lang<br>Copyright 2001-2018 The Apache Software Foundation<br>This product includes software developed at<br>The Apache Software Foundation ( <a href="http://www.apache.org/">http://www.apache.org/</a> ).                                                                                                                                                                                                                                                                                                                                                                                                                      |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider                       | Component (s)       | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|--------------------------------|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| The Apache Software Foundation | Commons Pool 2.11.1 | <p>TOP-LEVEL COPYRIGHT NOTICE :</p> <p>-----</p> <p>Apache Commons Pool<br/>Copyright 2001-2017 The Apache Software Foundation<br/>This product includes software developed at<br/>The Apache Software Foundation (<a href="http://www.apache.org/">http://www.apache.org/</a>).<br/>Apache License, version 2.0 - See <a href="#">Appendix E</a></p> <p>W3C® SOFTWARE NOTICE AND LICENSE<br/><a href="http://www.w3.org/Consortium/Legal/2002/copyright-software-20021231">http://www.w3.org/Consortium/Legal/2002/copyright-software-20021231</a></p> <p>This work (and included software, documentation such as READMEs, or other related items) is being provided by the copyright holders under the following license. By obtaining, using and/or copying this work, you (the licensee) agree that you have read, understood, and will comply with the following terms and conditions.</p> <p>Permission to copy, modify, and distribute this software and its documentation, with or without modification, for any purpose and without fee or royalty is hereby granted, provided that you include the following on ALL copies of the software and documentation or portions thereof, including modifications:</p> <ol style="list-style-type: none"> <li>1. The full text of this NOTICE in a location viewable to users of the redistributed or derivative work.</li> <li>2. Any pre-existing intellectual property disclaimers, notices, or terms and conditions. If none exist, the W3C Software Short Notice should be included (hypertext is preferred, text is permitted) within the body of any redistributed or derivative code.</li> <li>3. Notice of any changes or modifications to the files, including the date changes were made. (We recommend you provide URIs to the location from which the code is derived.)</li> </ol> <p>THIS SOFTWARE AND DOCUMENTATION IS PROVIDED "AS IS," AND COPYRIGHT HOLDERS MAKE NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>TO, WARRANTIES OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE OR THAT THE USE OF THE SOFTWARE OR DOCUMENTATION WILL NOT INFRINGE ANY THIRD PARTY PATENTS, COPYRIGHTS, TRADEMARKS OR OTHER RIGHTS.</p> <p>COPYRIGHT HOLDERS WILL NOT BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF ANY USE OF THE SOFTWARE OR DOCUMENTATION.</p> <p>The name and trademarks of copyright holders may NOT be used in advertising or publicity pertaining to the software without specific, written prior permission.</p> <p>Title to copyright in this software and any associated documentation will at all times remain with copyright holders.</p> <hr/> <p>This formulation of W3C's notice and license became active on December 31 2002.</p> <p>This version removes the copyright ownership notice such that this license can be used with materials other than those owned by the W3C, reflects that ERCIM is now a host of the W3C, includes references to this specific dated version of the license, and removes the ambiguous grant of ""use"". Otherwise, this version is the same as the previous version and is written so as to preserve the Free Software Foundation's assessment of GPL compatibility and OSI's certification under the Open Source Definition. Please see our Copyright FAQ for common questions about using materials from our site, including specific terms and conditions for packages like libwww, Amaya, and Jigsaw. Other questions about this notice can be directed to <a href="mailto:site-policy@w3.org">site-policy@w3.org</a>.</p> <p>Joseph Reagle &lt;<a href="mailto:site-policy@w3.org">site-policy@w3.org</a>&gt;</p> <p>This license came from: <a href="http://www.megginson.com/SAX/copying.html">http://www.megginson.com/SAX/copying.html</a></p> <p>However please note future versions of SAX may be covered under <a href="http://saxproject.org/?selected=pd">http://saxproject.org/?selected=pd</a></p> <p>SAX2 is Free!</p> <p>I hereby abandon any property rights to SAX 2.0 (the Simple API for</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>XML), and release all of the SAX 2.0 source code, compiled code, and documentation contained in this distribution into the Public Domain.</p> <p>SAX comes with NO WARRANTY or guarantee of fitness for any purpose.</p> <p>David Megginson, david@megginson.com<br/>2000-05-05</p> <p>-----</p> <p>FOURTH-PARTY DEPENDENCY #1 cglib-3.2.5.jar<br/>FOURTH-PARTY DEPENDENCY #1 COPYRIGHT NOTICES :</p> <p>-----</p> <p>This product includes software developed by The Apache Software Foundation (<a href="http://www.apache.org/">http://www.apache.org/</a>).</p> <p>FOURTH-PARTY DEPENDENCY # 1: LICENSE : Apache 2.0</p> <p>-----</p> <p>Apache License, version 2.0 - See <a href="#">Appendix E</a></p> <p>W3C® SOFTWARE NOTICE AND LICENSE<br/><a href="http://www.w3.org/Consortium/Legal/2002/copyright-software-20021231">http://www.w3.org/Consortium/Legal/2002/copyright-software-20021231</a></p> <p>This work (and included software, documentation such as READMEs, or other related items) is being provided by the copyright holders under the following license. By obtaining, using and/or copying this work, you (the licensee) agree that you have read, understood, and will comply with the following terms and conditions.</p> <p>Permission to copy, modify, and distribute this software and its documentation, with or without modification, for any purpose and without fee or royalty is hereby granted, provided that you include the following on ALL copies of the software and documentation or portions thereof, including modifications:</p> <ol style="list-style-type: none"> <li>1. The full text of this NOTICE in a location viewable to users of the redistributed or derivative work.</li> <li>2. Any pre-existing intellectual property disclaimers, notices, or terms</li> </ol> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>and conditions. If none exist, the W3C Software Short Notice should be included (hypertext is preferred, text is permitted) within the body of any redistributed or derivative code.</p> <p>3. Notice of any changes or modifications to the files, including the date changes were made. (We recommend you provide URIs to the location from which the code is derived.)</p> <p>THIS SOFTWARE AND DOCUMENTATION IS PROVIDED "AS IS," AND COPYRIGHT HOLDERS MAKE NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO, WARRANTIES OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE OR THAT THE USE OF THE SOFTWARE OR DOCUMENTATION WILL NOT INFRINGE ANY THIRD PARTY PATENTS, COPYRIGHTS, TRADEMARKS OR OTHER RIGHTS.</p> <p>COPYRIGHT HOLDERS WILL NOT BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF ANY USE OF THE SOFTWARE OR DOCUMENTATION.</p> <p>The name and trademarks of copyright holders may NOT be used in advertising or publicity pertaining to the software without specific, written prior permission.</p> <p>Title to copyright in this software and any associated documentation will at all times remain with copyright holders.</p> <hr/> <p>This formulation of W3C's notice and license became active on December 31 2002.</p> <p>This version removes the copyright ownership notice such that this license can be used with materials other than those owned by the W3C, reflects that ERCIM is now a host of the W3C, includes references to this specific dated version of the license, and removes the ambiguous grant of "use". Otherwise, this version is the same as the previous version and is written so as to preserve the Free Software Foundation's assessment of GPL compatibility and OSI's certification under the Open Source Definition. Please see our Copyright FAQ for common</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s)       | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |                     | <p>questions about using materials from our site, including specific terms and conditions for packages like libwww, Amaya, and Jigsaw. Other questions about this notice can be directed to <a href="mailto:site-policy@w3.org">site-policy@w3.org</a>.<br/>Joseph Reagle &lt;<a href="mailto:site-policy@w3.org">site-policy@w3.org</a>&gt;<br/>This license came from: <a href="http://www.megginson.com/SAX/copying.html">http://www.megginson.com/SAX/copying.html</a><br/>However please note future versions of SAX may be covered under <a href="http://saxproject.org/?selected=pd">http://saxproject.org/?selected=pd</a><br/>SAX2 is Free!<br/>I hereby abandon any property rights to SAX 2.0 (the Simple API for XML), and release all of the SAX 2.0 source code, compiled code, and documentation contained in this distribution into the Public Domain.<br/>SAX comes with NO WARRANTY or guarantee of fitness for any purpose.<br/>David Megginson, <a href="mailto:david@megginson.com">david@megginson.com</a><br/>2000-05-05</p> <p>-----<br/>FOURTH-PARTY DEPENDENCY #2 asm-util-6.0.jar<br/>FOURTH-PARTY DEPENDENCY #2 COPYRIGHT NOTICES :<br/>-----<br/>Copyright (c) 2000-2011 INRIA, France Telecom<br/>All rights reserved.<br/>FOURTH-PARTY DEPENDENCY # 2: LICENSE : BSD<br/>-----<br/>Copyright (c) 2000-2011 INRIA, France Telecom<br/>All rights reserved.<br/>See <a href="#">Appendix M</a></p> |
| Apache   | Commons Text 1.10.0 | <p>Apache Commons Text Copyright 2014-2020 The Apache Software Foundation<br/>Apache License, version 2.0 - See <a href="#">Appendix E</a></p> <p>-----<br/>commons-lang: 3.11<br/>Apache Commons Lang<br/>Copyright 2001-2020 The Apache Software Foundation</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider                       | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|--------------------------------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| The Apache Software Foundation | CXF 4.0.3     | <p>*****</p> <p>***** Copied from BA Public License</p> <p>*****</p> <p>----- Top-level license -----</p> <p>Apache CXF is licensed under Apache 2.0.</p> <p><a href="#">Appendix E</a></p> <p>=====</p> <p>=====</p> <p>.</p> <p>.</p> <p>.</p> <p>----- Copyright notices</p> <p>-----</p> <p>This product also includes schemas and specification developed by or submitted to:</p> <ul style="list-style-type: none"> <li>- the W3C consortium (<a href="http://www.w3c.org">http://www.w3c.org</a>)</li> <li>(<a href="http://www.w3.org/XML/1998/namespace">http://www.w3.org/XML/1998/namespace</a>)</li> </ul> <p>This product also includes WS-* schemas developed by International Business Machines Corporation, Microsoft Corporation, BEA Systems, TIBCO Software, SAP AG, Sonic Software, and VeriSign</p> <ul style="list-style-type: none"> <li>(<a href="http://schemas.xmlsoap.org/wsdl/2003-02-11.xsd">http://schemas.xmlsoap.org/wsdl/2003-02-11.xsd</a>)</li> <li>(<a href="http://schemas.xmlsoap.org/ws/2004/08/addressing/">http://schemas.xmlsoap.org/ws/2004/08/addressing/</a>)</li> <li>(<a href="http://schemas.xmlsoap.org/wsdl/http">http://schemas.xmlsoap.org/wsdl/http</a>)</li> <li>(<a href="http://schemas.xmlsoap.org/ws/2005/02/rm/wsrn.xsd">http://schemas.xmlsoap.org/ws/2005/02/rm/wsrn.xsd</a>)</li> <li>(<a href="http://www.w3.org/2005/08/addressing/ws-addr.xsd">http://www.w3.org/2005/08/addressing/ws-addr.xsd</a>)</li> <li>(<a href="http://www.w3.org/TR/ws-metadata-exchange/">http://www.w3.org/TR/ws-metadata-exchange/</a>)</li> <li>(<a href="http://schemas.xmlsoap.org/ws/2004/09/mex/">http://schemas.xmlsoap.org/ws/2004/09/mex/</a>)</li> <li>(<a href="http://docs.oasis-open.org/ws-sx/ws-trust/v1.4/ws-trust.html">http://docs.oasis-open.org/ws-sx/ws-trust/v1.4/ws-trust.html</a>)</li> </ul> <p>The product contains code (StaxBuilder.java) that is Copyright (C) 2000-2004 Jason Hunter &amp; Brett McLaughlin. All rights reserved.</p> <p>See the NOTICE.jdom file for additional information</p> <p>Java classes (source and binary) under org.apache.cxf.jaxws.javaee are generated from schema available here:</p> <p>(<a href="http://java.sun.com/xml/ns/javaee/javaee_5.xsd">http://java.sun.com/xml/ns/javaee/javaee_5.xsd</a>)</p> <p>This Product also includes software developed by David Heinemeier Hansson.</p> <p>(<a href="http://dev.rubyonrails.org/browser/trunk/activesupport/lib/active_support/inflections.rb">http://dev.rubyonrails.org/browser/trunk/activesupport/lib/active_support/inflections.rb</a>)</p> <p>This product includes software Copyright University of Southampton IT Innovation Centre, 2009</p> <p>(<a href="http://www.it-innovation.soton.ac.uk">http://www.it-innovation.soton.ac.uk</a>).</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Portions of the included XmlSchema library are Copyright 2006 International Business Machines Corp.</p> <p>Portions of the included xmlbeans library were originally based on the following:</p> <ul style="list-style-type: none"> <li>- software copyright (c) 2000-2003, BEA Systems, &lt;<a href="http://www.bea.com/">http://www.bea.com/</a>&gt;.</li> </ul> <p>Portions of the file cxf-utils.js derives from code marked:</p> <p>This code was written by Tyler Akins and has been placed in the public domain. It would be nice if you left this header intact.</p> <p>Base64 code from Tyler Akins -- <a href="http://rumkin.com">http://rumkin.com</a></p> <p>This project includes Public Suffix List copied from <a href="https://publicsuffix.org/list/effective_tld_names.dat">https://publicsuffix.org/list/effective_tld_names.dat</a> licensed under the terms of the Mozilla Public License, v. 2.0</p> <p>Full license text: &lt;<a href="http://mozilla.org/MPL/2.0/">http://mozilla.org/MPL/2.0/</a>&gt;</p> <p>This product includes software from the Spring Framework, under the Apache License 2.0</p> <p>This project includes Apache Ant. The &lt;sync&gt; task is based on code Copyright (c) 2002, Landmark Graphics Corp that has been kindly donated to the Apache Software Foundation.</p> <p>Additional copyright notices and license terms applicable are present in the licenses directory of this distribution.</p> <p>This product includes code from the Nimbus JOSE + JWT project, under the Apache license 2.0 (<a href="https://github.com/felix/nimbus-jose-jwt">https://github.com/felix/nimbus-jose-jwt</a>). Copyright 2012-2017, Connect2id Ltd.</p> <p>=====</p> <p>=====</p> <p>.</p> <p>.</p> <p>.</p> <p>3PL</p> <p>From Pom.xml</p> <p>Licensed to the Apache Software Foundation (ASF) under one or more contributor license agreements. See the NOTICE file distributed with this work for additional information regarding copyright ownership. The ASF licenses this file to you under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Unless required by applicable law or agreed to in writing,</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.</p> <p>-----</p> <p>4PL apache<br/>org.apache.cxf:cxf-core:compile<br/>org.apache.cxf:cxf-rt-transport-http:compile<br/>org.apache.cxf:cxf-rt-security:compile<br/>org.apache.cxf:cxf-rt-frontend-jaxrs:compile<br/>org.apache.cxf:cxf-rt-rs-extension-providers:runtime<br/>org.apache.cxf:cxf-rt-security:runtime<br/>org.apache.cxf:cxf-core:runtime<br/>org.apache.cxf:cxf-rt-transport-http:runtime<br/>org.apache.cxf:cxf-rt-frontend-jaxrs:runtime<br/>org.apache.cxf:cxf-rt-frontend-jaxws:runtime<br/>org.apache.cxf:cxf-rt-frontend-simple:runtime<br/>org.apache.cxf:cxf-rt-bindings-xml:runtime<br/>org.apache.cxf:cxf-rt-ws-addr:runtime<br/>org.apache.cxf:cxf-rt-wsdl:runtime<br/>org.apache.cxf:cxf-rt-ws-policy:runtime<br/>org.apache.cxf:cxf-rt-bindings-soap:runtime<br/>org.apache.cxf:cxf-rt-databinding-jaxb:runtime</p> <p>=====</p> <p>=====</p> <p>4PL : org.ow2.asm:asm</p> <p>-----</p> <p>ASM: a very small and fast Java bytecode manipulation framework<br/>Copyright (c) 2000-2011 INRIA, France Telecom<br/>All rights reserved.<br/>Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:</p> <ol style="list-style-type: none"> <li>1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.</li> <li>2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the</li> </ol> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>documentation and/or other materials provided with the distribution.</p> <p>3. Neither the name of the copyright holders nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.</p> <p>THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>=====</p> <p>=====</p> <p>4PL : org.codehaus.jettison:jettison :</p> <p>-----</p> <p>Copyright 2006 Envoi Solutions LLC</p> <p>Licensed under the Apache License, Version 2.0 (the "License");</p> <p>you may not use this file except in compliance with the License.</p> <p>You may obtain a copy of the License at</p> <p><a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS,</p> <p>WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.</p> <p>See the License for the specific language governing permissions and limitations under the License.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>=====</p> <p>=====</p> <p>4PL : jakarta.annotation:jakarta.annotation-api</p> <p>-----</p> <p>Eclipse Public License - v 2.0</p> <p>-----</p> <p>See <a href="#">Appendix M</a></p> <p>CLASSPATH EXCEPTION</p> <p>-----</p> <p>Linking this library statically or dynamically with other modules is making a combined work based on this library. Thus, the terms and conditions of the GNU General Public License version 2 cover the whole combination.</p> <p>As a special exception, the copyright holders of this library give you permission to link this library with independent modules to produce an executable, regardless of the license terms of these independent modules, and to copy and distribute the resulting executable under terms of your choice, provided that you also meet, for each linked independent module, the terms and conditions of the license of that module. An independent module is a module which is not derived from or based on this library. If you modify this library, you may extend this exception to your version of the library, but you are not obligated to do so. If you do not wish to do so, delete this exception statement from your version.</p> <p>=====</p> <p>=====</p> <p>jakarta.ws.rs:jakarta.ws.rs-api</p> <p>-----</p> <p>Eclipse Public License - v 2.0</p> <p>-----</p> <p>See <a href="#">Appendix M</a></p> <p>CLASSPATH EXCEPTION</p> <p>-----</p> <p>Linking this library statically or dynamically with other modules is</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>making a combined work based on this library. Thus, the terms and conditions of the GNU General Public License version 2 cover the whole combination.</p> <p>As a special exception, the copyright holders of this library give you permission to link this library with independent modules to produce an executable, regardless of the license terms of these independent modules, and to copy and distribute the resulting executable under terms of your choice, provided that you also meet, for each linked independent module, the terms and conditions of the license of that module. An independent module is a module which is not derived from or based on this library. If you modify this library, you may extend this exception to your version of the library, but you are not obligated to do so. If you do not wish to do so, delete this exception statement from your version.</p> <p>=====</p> <p>4PL : org.glassfish.jaxb: jaxb-runtime<br/> 4PL : org.glassfish.jaxb: txw2<br/> From Pom.xml<br/> &lt;!--<br/> Copyright (c) 2013, 2021 Oracle and/or its affiliates. All rights reserved.<br/> This program and the accompanying materials are made available under the terms of the Eclipse Distribution License v. 1.0, which is available at<br/> <a href="http://www.eclipse.org/org/documents/edl-v10.php">http://www.eclipse.org/org/documents/edl-v10.php</a>.<br/> SPDX-License-Identifier: BSD-3-Clause<br/> --&gt;<br/> Eclipse Distribution License - v 1.0<br/> -----<br/> EPL License 1.0, refer <a href="#">Appendix J</a><br/> =====</p> <p>4PL com.sun.activation :jakarta.activation</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Copyright (c) 2018 Oracle and/or its affiliates. All rights reserved.</p> <p>Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:</p> <ul style="list-style-type: none"> <li>- Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.</li> <li>- Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.</li> <li>- Neither the name of the Eclipse Foundation, Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.</li> </ul> <p>THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>=====</p> <p>4PL com.fasterxml.woodstox:woodstox-core</p> <p>Apache License</p> <p>Version 2.0, January 2004</p> <p>Apache License, version 2.0 - See <a href="#">Appendix E</a></p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>=====</p> <p>=====</p> <p>-----</p> <p>4PL jakarta.xml.bind:jakarta.xml.bind-api</p> <p>Notices for Jakarta XML Binding</p> <p>This content is produced and maintained by the Jakarta XML Binding project.</p> <p>Project home: <a href="https://projects.eclipse.org/projects/ee4j.jaxb">https://projects.eclipse.org/projects/ee4j.jaxb</a></p> <p>Trademarks</p> <p>Jakarta XML Binding is a trademark of the Eclipse Foundation.</p> <p>Copyright</p> <p>All content is the property of the respective authors or their employers.</p> <p>For more information regarding authorship of content, please consult the listed</p> <p>source code repository logs.</p> <p>Declared Project Licenses</p> <p>This program and the accompanying materials are made available under the terms</p> <p>of the Eclipse Distribution License v. 1.0 which is available at <a href="http://www.eclipse.org/org/documents/edl-v10.php">http://www.eclipse.org/org/documents/edl-v10.php</a>.</p> <p>SPDX-License-Identifier: BSD-3-Clause</p> <p>Source Code</p> <p>The project maintains the following source code repositories:</p> <p><a href="https://github.com/eclipse-ee4j/jaxb-api">https://github.com/eclipse-ee4j/jaxb-api</a></p> <p><a href="https://github.com/eclipse-ee4j/jaxb-tck">https://github.com/eclipse-ee4j/jaxb-tck</a></p> <p>Third-party Content</p> <p>This project leverages the following third party content.</p> <p>Apache River (3.0.0)</p> <p>License: Apache-2.0 AND BSD-3-Clause</p> <p>ASM 7 (n/a)</p> <p>License: BSD-3-Clause</p> <p>Project: <a href="https://asm.ow2.io/">https://asm.ow2.io/</a></p> <p>Source: <a href="https://repository.ow2.org/nexus/#nexus-search;gav~org.ow2.asm~asm-commons~~~~kw,versionexpand">https://repository.ow2.org/nexus/#nexus-search;gav~org.ow2.asm~asm-commons~~~~kw,versionexpand</a></p> <p>JTHarness (5.0)</p> <p>License: (GPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0)</p> <p>Project: <a href="https://wiki.openjdk.java.net/display/CodeTools/JT+Harness">https://wiki.openjdk.java.net/display/CodeTools/JT+Harness</a></p> <p>Source: <a href="http://hg.openjdk.java.net/code-tools/jtharness/normalize.css">http://hg.openjdk.java.net/code-tools/jtharness/normalize.css</a> (3.0.2)</p> <p>License: MIT</p> <p>SigTest (n/a)</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>License: GPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0</p> <p>EDL 1.0</p> <p>Copyright (c) 2007, Eclipse Foundation, Inc. and its licensors.</p> <p>All rights reserved.</p> <p>Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:</p> <p>Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution. Neither the name of the Eclipse Foundation, Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.</p> <p>THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>=====</p> <p>-----</p> <p>4PL jakarta.activation:jakarta.activation-api</p> <p>Notices for Jakarta Activation</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>This content is produced and maintained by Jakarta Activation project.</p> <p>Project home: <a href="https://projects.eclipse.org/projects/ee4j.jaf">https://projects.eclipse.org/projects/ee4j.jaf</a></p> <p>Copyright</p> <p>All content is the property of the respective authors or their employers.</p> <p>For more information regarding authorship of content, please consult the listed</p> <p>source code repository logs.</p> <p>Declared Project Licenses</p> <p>This program and the accompanying materials are made available under the terms</p> <p>of the Eclipse Distribution License v. 1.0, which is available at <a href="http://www.eclipse.org/org/documents/edl-v10.php">http://www.eclipse.org/org/documents/edl-v10.php</a>.</p> <p>SPDX-License-Identifier: BSD-3-Clause</p> <p>Source Code</p> <p>The project maintains the following source code repositories:</p> <p><a href="https://github.com/eclipse-ee4j/jaf">https://github.com/eclipse-ee4j/jaf</a></p> <p>Copyright (c) 2018 Oracle and/or its affiliates. All rights reserved.</p> <p>Redistribution and use in source and binary forms, with or without</p> <p>modification, are permitted provided that the following conditions</p> <p>are met:</p> <ul style="list-style-type: none"> <li>- Redistributions of source code must retain the above copyright</li> </ul> <p>notice, this list of conditions and the following disclaimer.</p> <ul style="list-style-type: none"> <li>- Redistributions in binary form must reproduce the above copyright</li> </ul> <p>notice, this list of conditions and the following disclaimer in the</p> <p>documentation and/or other materials provided with the distribution.</p> <ul style="list-style-type: none"> <li>- Neither the name of the Eclipse Foundation, Inc. nor the names of its</li> </ul> <p>contributors may be used to endorse or promote products derived</p> <p>from this software without specific prior written permission.</p> <p>THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS</p> <p>IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO,</p> <p>THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR</p> <p>PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>=====</p> <p>Notices for Eclipse Jetty</p> <p>=====</p> <p>This content is produced and maintained by the Eclipse Jetty project.</p> <p>Project home: <a href="https://www.eclipse.org/jetty/">https://www.eclipse.org/jetty/</a></p> <p>Trademarks</p> <p>-----</p> <p>Eclipse Jetty, and Jetty are trademarks of the Eclipse Foundation.</p> <p>Copyright</p> <p>-----</p> <p>All contributions are the property of the respective authors or of entities to which copyright has been assigned by the authors (eg. employer).</p> <p>Declared Project Licenses</p> <p>-----</p> <p>This artifacts of this project are made available under the terms of:</p> <p>* the Eclipse Public License v2.0<br/> <a href="https://www.eclipse.org/legal/epl-2.0">https://www.eclipse.org/legal/epl-2.0</a><br/> SPDX-License-Identifier: EPL-2.0</p> <p>or</p> <p>* the Apache License, Version 2.0<br/> <a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a><br/> SPDX-License-Identifier: Apache-2.0</p> <p>The following dependencies are EPL.</p> <p>* org.eclipse.jetty.orbit:org.eclipse.jdt.core</p> <p>The following dependencies are EPL and ASL2.</p> <p>* org.eclipse.jetty.orbit:javax.security.auth.message</p> <p>The following dependencies are EPL and CDDL 1.0.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>* org.eclipse.jetty.orbit:javax.mail.glassfish</p> <p>The following dependencies are licensed by the OW2 Foundation according to the terms of <a href="http://asm.ow2.org/license.html">http://asm.ow2.org/license.html</a></p> <p>* org.ow2.asm:asm-commons</p> <p>* org.ow2.asm:asm</p> <p>The following dependencies are ASL2 licensed.</p> <p>* org.apache.taglibs:taglibs-standard-spec</p> <p>* org.apache.taglibs:taglibs-standard-impl</p> <p>The following dependencies are ASL2 licensed. Based on selected classes from following Apache Tomcat jars, all ASL2 licensed.</p> <p>* org.mortbay.jasper:apache-jsp</p> <p>* org.apache.tomcat:tomcat-jasper</p> <p>* org.apache.tomcat:tomcat-juli</p> <p>* org.apache.tomcat:tomcat-jsp-api</p> <p>* org.apache.tomcat:tomcat-el-api</p> <p>* org.apache.tomcat:tomcat-jasper-el</p> <p>* org.apache.tomcat:tomcat-api</p> <p>* org.apache.tomcat:tomcat-util-scan</p> <p>* org.apache.tomcat:tomcat-util</p> <p>* org.mortbay.jasper:apache-el</p> <p>* org.apache.tomcat:tomcat-jasper-el</p> <p>* org.apache.tomcat:tomcat-el-api</p> <p>* org.eclipse.jetty.toolchain:jetty-schemas</p> <p>=====xml-<br/>resolver=====</p> <p>License</p> <p>By obtaining and/or copying this work, you (the licensee) agree that</p> <p>you have read, understood, and will comply with the following terms</p> <p>and conditions.</p> <p>Permission to copy, modify, and distribute this work, with or without</p> <p>modification, for any purpose and without fee or royalty is hereby</p> <p>granted, provided that you include the following on ALL copies of the</p> <p>work or portions thereof, including modifications:</p> <p>* The full text of this NOTICE in a location viewable to users of the</p> <p>redistributed or derivative work.</p> <p>* Any pre-existing intellectual property disclaimers, notices, or</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider         | Component (s)                             | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|------------------|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                  |                                           | <p>terms and conditions. If none exist, the W3C Software and Document</p> <p>Short Notice should be included.</p> <p>* Notice of any changes or modifications, through a copyright statement on the new code or document such as "This software or</p> <p>document includes material copied from or derived from [title and</p> <p>URI of the W3C document]. Copyright © [YEAR] W3C® (MIT, ERCIM, Keio, Beihang)."</p> <p>Disclaimers</p> <p>THIS WORK IS PROVIDED "AS IS," AND COPYRIGHT HOLDERS MAKE NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO, WARRANTIES OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE OR THAT THE USE OF THE SOFTWARE OR DOCUMENT WILL NOT INFRINGE ANY THIRD PARTY PATENTS, COPYRIGHTS, TRADEMARKS OR OTHER RIGHTS.</p> <p>COPYRIGHT HOLDERS WILL NOT BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF ANY USE OF THE SOFTWARE OR DOCUMENT.</p> <p>The name and trademarks of copyright holders may NOT be used in advertising or publicity pertaining to the work without specific, written prior permission. Title to copyright in this work will at all times remain with copyright holders.</p> <p>=====xmlschema-core=====</p> <p>***Copyright (C) World Wide Web Consortium 2006, 2007***</p> <p>They are made available under the terms of the W3C DOCUMENT NOTICE AND LICENSE, available online at</p> <p><a href="http://www.w3.org/Consortium/Legal/copyright-documents-19990405.html">http://www.w3.org/Consortium/Legal/copyright-documents-19990405.html</a></p> |
| Brian Wellington | <p>dnsjava 3.5.1</p> <p>dnsjava 3.5.3</p> | <p>Copyright (c) 1998-2011, Brian Wellington.</p> <p>All rights reserved.</p> <p>See <a href="#">Appendix M</a></p> <p>Copyright &lt;YEAR&gt; &lt;COPYRIGHT HOLDER&gt;</p> <p>See <a href="#">Appendix G</a></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider                                      | Component (s)                           | Licensing Information                                                                                                                                                                                                                 |
|-----------------------------------------------|-----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Open Web Application Security Project (OWASP) | Enterprise Security API (ESAPI) 2.5.1.0 | -- Top Level License for ESAPI<br>-----<br>BSD 2-clause<br>Copyright (c) 2013, ESAPI<br>All rights reserved.<br><a href="#">BSD License and JSON License</a><br><a href="#">Creative Commons Attribution License, Attribution 2.5</a> |
| MetaStuff, Ltd.                               | dom4j 2.1.3                             |                                                                                                                                                                                                                                       |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s)       | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| JBoss    | Drools 8.32.0.Final | <p>Apache License, version 2.0 - See <a href="#">Appendix E</a></p> <p>4th party:</p> <p>-----</p> <p>poi-ooxml 3.17<br/>poi 3.17</p> <p>The Apache Software License, Version 2.0 <a href="http://www.apache.org/licenses/LICENSE-2.0.txt">http://www.apache.org/licenses/LICENSE-2.0.txt</a></p> <p>Licensed to the Apache Software Foundation (ASF) under one or more contributor license agreements. See the NOTICE file distributed with this work for additional information regarding copyright ownership.</p> <p>The ASF licenses this file to You under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.</p> <p>=====</p> <p>===== */</p> <p>-----</p> <p>drools-core 7.32.0.Final<br/>drools-compiler 7.32.0.Final<br/>drools-templates 7.32.0.Final</p> <p>The Apache Software License, Version 2.0 <a href="http://www.apache.org/licenses/LICENSE-2.0.txt">http://www.apache.org/licenses/LICENSE-2.0.txt</a></p> <p>/*</p> <p>* Copyright 2015 Red Hat, Inc. and/or its affiliates.</p> <p>*</p> <p>* Licensed under the Apache License, Version 2.0 (the "License");</p> <p>* you may not use this file except in compliance with the License.</p> <p>*</p> <p>* <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>*</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>* Unless required by applicable law or agreed to in writing, software</p> <p>* distributed under the License is distributed on an "AS IS" BASIS,</p> <p>* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.</p> <p>* See the License for the specific language governing permissions and</p> <p>* limitations under the License.</p> <p>*/</p> <p>-----</p> <p>kie-api 7.32.0.Final</p> <p>kie-internal 7.32.0.Final</p> <p>The Apache Software License, Version 2.0 <a href="http://www.apache.org/licenses/LICENSE-2.0.txt">http://www.apache.org/licenses/LICENSE-2.0.txt</a></p> <p>/*</p> <p>* Copyright 2010 Red Hat, Inc. and/or its affiliates.</p> <p>*</p> <p>* Licensed under the Apache License, Version 2.0 (the "License");</p> <p>* you may not use this file except in compliance with the License.</p> <p>* You may obtain a copy of the License at</p> <p>*</p> <p>* <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>*</p> <p>* Unless required by applicable law or agreed to in writing, software</p> <p>* distributed under the License is distributed on an "AS IS" BASIS,</p> <p>* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.</p> <p>* See the License for the specific language governing permissions and</p> <p>* limitations under the License.</p> <p>*/</p> <p>-----</p> <p>slf4j-api 1.7.26</p> <p>MIT License <a href="http://www.opensource.org/licenses/mit-license.php">http://www.opensource.org/licenses/mit-license.php</a></p> <p>Begin license text.</p> <p>Copyright &lt;YEAR&gt; &lt;COPYRIGHT HOLDER&gt;</p> <p>See <a href="#">Appendix G</a></p> <p>-----</p> <p>com.thoughtworks.xstream » xstream 1.4.11.1</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | /*<br>* Copyright (C) 2006, 2007, 2008, 2009, 2010, 2011<br>XStream Committers.<br>* All rights reserved.<br>*<br>* The software in this package is published under the terms<br>of the BSD<br>* style license a copy of which has been included with this<br>distribution in<br>* the LICENSE.txt file.<br>*<br>* Created on 15. March 2007 by Joerg Schaible<br>*/<br><br>(BSD Style License)<br>Copyright (c) 2003-2006, Joe Walnes<br>Copyright (c) 2006-2020, XStream Committers<br>All rights reserved.<br>See <a href="#">Appendix M</a><br>-----<br>-----<br>-----<br><br>Provided 4th Party:<br>org.osgi.core 4.3.1<br>org.osgi.compendium 4.3.1<br><br>Apache License, Version 2.0 <a href="http://opensource.org/licenses/apache2.0.php">http://opensource.org/licenses/<br/> apache2.0.php</a> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s)       | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| JBoss    | Drools 7.67.0 Final | <p>Top Level: Drools 7.67.0.Final (drools-decisiontables 7.67.0.Final)</p> <p>Apache License, version 2.0 - See <a href="#">Appendix E</a></p> <p>4th party:</p> <p>-----</p> <p>-----Dependency</p> <p>poi-ooxml</p> <p>poi 4.1.2</p> <p>-----Notice</p> <p>Apache POI</p> <p>Copyright 2003-2020 The Apache Software Foundation</p> <p>This product includes software developed at The Apache Software Foundation (<a href="https://www.apache.org/">https://www.apache.org/</a>).</p> <p>This product contains parts that were originally based on software from BEA.</p> <p>Copyright (c) 2000-2003, BEA Systems, (dead link), which was acquired by Oracle Corporation in 2008.</p> <p>This product contains W3C XML Schema documents. Copyright 2001-2003 (c) World Wide Web Consortium (Massachusetts Institute of Technology, European Research Consortium for Informatics and Mathematics, Keio University)</p> <p>This product contains the chunks_parse_cmds.tbl file from the vsdump program.</p> <p>Copyright (C) 2006-2007 Valek Filippov (frob@df.ru)</p> <p>This product contains parts of the eID Applet project and .</p> <p>Copyright (c) 2009-2014</p> <p>FedICT (federal ICT department of Belgium), e-Contract.be BVBA (<a href="https://www.e-contract.be/">https://www.e-contract.be/</a>), Bart Hanssens from FedICT</p> <p>----license</p> <p>Apache License, version 2.0 - See <a href="#">Appendix E</a></p> <p>APACHE POI SUBCOMPONENTS:</p> <p>Apache POI includes subcomponents with separate copyright notices and license terms. Your use of these subcomponents is subject to the terms and conditions of the following licenses:</p> <p>Office Open XML schemas (ooxml-schemas-1.*.jar)</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>The Office Open XML schema definitions used by Apache POI are a part of the Office Open XML ECMA Specification (ECMA-376, [1]).</p> <p>As defined in section 9.4 of the ECMA bylaws [2], this specification is available to all interested parties without restriction:</p> <p>9.4 All documents when approved shall be made available to all interested parties without restriction.</p> <p>Furthermore, both Microsoft and Adobe have granted patent licenses to this work [3,4,5].</p> <p>[1] <a href="http://www.ecma-international.org/publications/standards/Ecma-376.htm">http://www.ecma-international.org/publications/standards/Ecma-376.htm</a></p> <p>[2] <a href="http://www.ecma-international.org/memento/Ecmabylaws.htm">http://www.ecma-international.org/memento/Ecmabylaws.htm</a></p> <p>[3] <a href="http://www.microsoft.com/openspecifications/en/us/programs/osp/default.aspx">http://www.microsoft.com/openspecifications/en/us/programs/osp/default.aspx</a></p> <p>[4] <a href="http://www.ecma-international.org/publications/files/ECMA-ST/Ecma%20PATENT/Patent%20statements%20ok/ECMA-376%20Edition%202%20Microsoft%20Patent%20Declaration.pdf">http://www.ecma-international.org/publications/files/ECMA-ST/Ecma%20PATENT/Patent%20statements%20ok/ECMA-376%20Edition%202%20Microsoft%20Patent%20Declaration.pdf</a></p> <p>[5] <a href="http://www.ecma-international.org/publications/files/ECMA-ST/Ecma%20PATENT/Patent%20statements%20ok/ECMA-376%20Adobe%20Patent%20Declaration.pdf">http://www.ecma-international.org/publications/files/ECMA-ST/Ecma%20PATENT/Patent%20statements%20ok/ECMA-376%20Adobe%20Patent%20Declaration.pdf</a></p> <p>Bouncy Castle library (bcprov-*.jar, bcpkg-*.jar, bcpxkix-*.jar)</p> <p>See <a href="#">Appendix G</a></p> <p>JUnit test library (junit-4.*.jar) &amp; JaCoCo (*jacoco*)</p> <p>Eclipse Public License - v 1.0 See <a href="#">Appendix J</a></p> <p>Hamcrest library (hamcrest-*.jar) &amp; CuvesAPI / Curve API</p> <p>BSD License</p> <p>Copyright (c) 2000-2006, www.hamcrest.org</p> <p>All rights reserved.</p> <p>See <a href="#">Appendix M</a></p> <p>SLF4J library (slf4j-api-*.jar)</p> <p>Copyright (c) 2004-2013 QOS.ch</p> <p>All rights reserved.</p> <p>See <a href="#">Appendix G</a></p> <p>inbot-utils (<a href="https://github.com/Inbot/inbot-utils">https://github.com/Inbot/inbot-utils</a>)</p> <p>MIT License See <a href="#">Appendix G</a></p> <p>=====</p> <p>===== */</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>-----</p> <p>drools-core 7.67.0.Final<br/> drools-compiler 7.67.0.Final<br/> drools-templates 7.67.0.Final<br/> drools-core-reflective 7.67.0.Final<br/> drools-core-dynamic 7.67.0.Final<br/> drools-ecj 7.67.0.Final<br/> drools-mvel 7.67.0.Final</p> <p>The Apache Software License, Version 2.0 <a href="http://www.apache.org/licenses/LICENSE-2.0.txt">http://www.apache.org/licenses/LICENSE-2.0.txt</a></p> <p>/*<br/> * Copyright 2015 Red Hat, Inc. and/or its affiliates.<br/> *<br/> * Licensed under the Apache License, Version 2.0 (the "License");<br/> * you may not use this file except in compliance with the License.<br/> *<br/> * <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a><br/> *<br/> * Unless required by applicable law or agreed to in writing, software<br/> distributed under the License is distributed on an "AS IS" BASIS,<br/> * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.<br/> * See the License for the specific language governing permissions and<br/> limitations under the License.<br/> */</p> <p>-----</p> <p>-----</p> <p>-----</p> <p>---Dependency<br/> slf4j-api<br/> MIT License <a href="http://www.opensource.org/licenses/mit-license.php">http://www.opensource.org/licenses/mit-license.php</a><br/> Begin license text.<br/> /**<br/> * Copyright (c) 2004-2011 QOS.ch<br/> * All rights reserved.<br/> *<br/> See <a href="#">Appendix G</a></p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>*<br/>*/<br/>-----<br/>-----<br/>-----Dependency<br/>com.thoughtworks.xstream<br/>-----LICENSE<br/>(BSD Style License)<br/>Copyright (c) 2003-2006, Joe Walnes<br/>Copyright (c) 2006-2019, XStream Committers<br/>All rights reserved.<br/>See <a href="#">Appendix M</a><br/>-----<br/>-----<br/>-----<br/>Dependency<br/>io.github.x-stream:mxparser<br/>----License<br/><a href="https://raw.githubusercontent.com/x-stream/mxparser/master/LICENSE.txt">https://raw.githubusercontent.com/x-stream/mxparser/master/LICENSE.txt</a><br/><br/>Indiana University Extreme! Lab Software License, Version 1.2<br/>Copyright (C) 2003 The Trustees of Indiana University.<br/>All rights reserved.<br/><br/>Redistribution and use in source and binary forms, with or without<br/>modification, are permitted provided that the following<br/>conditions are<br/>met:<br/><br/>1) All redistributions of source code must retain the above<br/>copyright notice, the list of authors in the original source<br/>code, this list of conditions and the disclaimer listed in this<br/>license;<br/><br/>2) All redistributions in binary form must reproduce the above<br/>copyright notice, this list of conditions and the disclaimer<br/>listed in this license in the documentation and/or other<br/>materials provided with the distribution;<br/><br/>3) Any documentation included with all redistributions must<br/>include<br/>the following acknowledgement:<br/><br/>"This product includes software developed by the Indiana<br/>University Extreme! Lab. For further information please visit<br/><a href="http://www.extreme.indiana.edu/">http://www.extreme.indiana.edu/</a>"</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Alternatively, this acknowledgment may appear in the software itself, and wherever such third-party acknowledgments normally appear.</p> <p>4) The name "Indiana University" or "Indiana University Extreme! Lab" shall not be used to endorse or promote products derived from this software without prior written permission from Indiana University. For written permission, please contact <a href="http://www.extreme.indiana.edu/">http://www.extreme.indiana.edu/</a>.</p> <p>5) Products derived from this software may not use "Indiana University" name nor may "Indiana University" appear in their name, without prior written permission of the Indiana University.</p> <p>Indiana University provides no reassurances that the source code provided does not infringe the patent or any other intellectual property rights of any other entity. Indiana University disclaims any liability to any recipient for claims brought by any other entity based on infringement of intellectual property rights or otherwise.</p> <p>LICENSEE UNDERSTANDS THAT SOFTWARE IS PROVIDED "AS IS" FOR WHICH NO WARRANTIES AS TO CAPABILITIES OR ACCURACY ARE MADE. INDIANA UNIVERSITY GIVES NO WARRANTIES AND MAKES NO REPRESENTATION THAT SOFTWARE IS FREE OF INFRINGEMENT OF THIRD PARTY PATENT, COPYRIGHT, OR OTHER PROPRIETARY RIGHTS. INDIANA UNIVERSITY MAKES NO WARRANTIES THAT SOFTWARE IS FREE FROM "BUGS", "VIRUSES", "TROJAN HORSES", "TRAP DOORS", "WORMS", OR OTHER HARMFUL CODE. LICENSEE ASSUMES THE ENTIRE RISK AS TO THE PERFORMANCE OF SOFTWARE AND/OR ASSOCIATED MATERIALS, AND TO THE PERFORMANCE AND VALIDITY OF INFORMATION GENERATED USING SOFTWARE.</p> <p>-----</p> <p>-----</p> <p>-----</p> <p>-----Dependency</p> <p>xmlpull:xmlpull</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>---LICENSE</p> <p><a href="http://www.xmlpull.org/v1/download/unpacked/LICENSE.txt">http://www.xmlpull.org/v1/download/unpacked/LICENSE.txt</a></p> <p>XMLPULL API IS FREE</p> <p>-----</p> <p>All of the XMLPULL API source code, compiled code, and documentation contained in this distribution *except* for tests (see separate LICENSE_TESTS.txt) are in the Public Domain.</p> <p>XMLPULL API comes with NO WARRANTY or guarantee of fitness for any purpose.</p> <p>Initial authors:</p> <p>Stefan Haustein</p> <p>Aleksander Slominski</p> <p>2001-12-12</p> <p>-----</p> <p>----- Dependencies Grouped by License</p> <p>-----</p> <p>----- Dependency</p> <p>jakarta.activation.jakarta.activation-api</p> <p>----Notice</p> <p>Notices for Jakarta Activation</p> <p>This content is produced and maintained by Jakarta Activation project.</p> <p>Project home: <a href="https://projects.eclipse.org/projects/ee4j.jaf">https://projects.eclipse.org/projects/ee4j.jaf</a></p> <p>Copyright</p> <p>All content is the property of the respective authors or their employers. For more information regarding authorship of content, please consult the listed source code repository logs.</p> <p>Declared Project Licenses</p> <p>This program and the accompanying materials are made available under the terms of the Eclipse Distribution License v. 1.0, which is available at <a href="http://www.eclipse.org/org/documents/edl-v10.php">http://www.eclipse.org/org/documents/edl-v10.php</a>.</p> <p>SPDX-License-Identifier: BSD-3-Clause</p> <p>Source Code</p> <p>The project maintains the following source code repositories:</p> <p><a href="https://github.com/eclipse-ee4j/jaf">https://github.com/eclipse-ee4j/jaf</a></p> <p>Third-party Content</p> <p>This project leverages the following third party content.</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>JUnit (4.12)</p> <p>License: Eclipse Public License</p> <p><a href="http://www.eclipse.org/org/documents/edl-v10.php">http://www.eclipse.org/org/documents/edl-v10.php</a></p> <p>Copyright (c) 2007, Eclipse Foundation, Inc. and its licensors.</p> <p>All rights reserved.</p> <p>See <a href="#">Appendix M</a></p> <p>----- Dependency</p> <p>jakarta.xml.bind.jakarta.xml.bind-api</p> <p>-----Notice</p> <p>Notices for Jakarta XML Binding</p> <p>This content is produced and maintained by the Jakarta XML Binding project.</p> <p>Project home: <a href="https://projects.eclipse.org/projects/ee4j.jaxb">https://projects.eclipse.org/projects/ee4j.jaxb</a></p> <p>Trademarks</p> <p>Jakarta XML Binding is a trademark of the Eclipse Foundation.</p> <p>Copyright</p> <p>All content is the property of the respective authors or their employers. For more information regarding authorship of content, please consult the listed source code repository logs.</p> <p>Declared Project Licenses</p> <p>This program and the accompanying materials are made available under the terms of the Eclipse Distribution License v. 1.0 which is available at <a href="http://www.eclipse.org/org/documents/edl-v10.php">http://www.eclipse.org/org/documents/edl-v10.php</a>.</p> <p>SPDX-License-Identifier: BSD-3-Clause</p> <p>Source Code</p> <p>The project maintains the following source code repositories:</p> <p><a href="https://github.com/eclipse-ee4j/jaxb-api">https://github.com/eclipse-ee4j/jaxb-api</a></p> <p><a href="https://github.com/eclipse-ee4j/jaxb-tck">https://github.com/eclipse-ee4j/jaxb-tck</a></p> <p>Third-party Content</p> <p>This project leverages the following third party content.</p> <p>Apache River (3.0.0)</p> <p>License: Apache-2.0 AND BSD-3-Clause</p> <p>ASM 7 (n/a)</p> <p>License: BSD-3-Clause</p> <p>Project: <a href="https://asm.ow2.io/">https://asm.ow2.io/</a></p> <p>Source: <a href="https://repository.ow2.org/nexus/#nexus-search;gav~org.ow2.asm~asm-commons~~~~kw,versionexpand">https://repository.ow2.org/nexus/#nexus-search;gav~org.ow2.asm~asm-commons~~~~kw,versionexpand</a></p> <p>JTHarness (5.0)</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>License: (GPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0)</p> <p>Project: <a href="https://wiki.openjdk.java.net/display/CodeTools/JT+Harness">https://wiki.openjdk.java.net/display/CodeTools/JT+Harness</a></p> <p>Source: <a href="http://hg.openjdk.java.net/code-tools/jtharness/normalize.css">http://hg.openjdk.java.net/code-tools/jtharness/normalize.css</a> (3.0.2)</p> <p>License: MIT</p> <p>SigTest (n/a)</p> <p>License: GPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0</p> <p>Cryptography</p> <p>Content may contain encryption software. The country in which you are currently may have restrictions on the import, possession, and use, and/or re-export to another country, of encryption software. BEFORE using any encryption software, please check the country's laws, regulations and policies concerning the import, possession, or use, and re-export of encryption software, to see if this is permitted.</p> <p>----- Dependency</p> <p>jakarta.inject-api</p> <p>-----Notice</p> <p>Notices for Eclipse Jakarta Dependency Injection</p> <p>This content is produced and maintained by the Eclipse Jakarta Dependency Injection project.</p> <p>Project home: <a href="https://projects.eclipse.org/projects/cdi.batch">https://projects.eclipse.org/projects/cdi.batch</a></p> <p>Trademarks</p> <p>Jakarta Dependency Injection is a trademark of the Eclipse Foundation.</p> <p>Copyright</p> <p>All content is the property of the respective authors or their employers. For more information regarding authorship of content, please consult the listed source code repository logs.</p> <p>Declared Project Licenses</p> <p>This program and the accompanying materials are made available under the terms of the Apache License, Version 2.0 which is available at <a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a>.</p> <p>SPDX-License-Identifier: Apache-2.0</p> <p>Source Code</p> <p>The project maintains the following source code repositories:</p> <p><a href="https://github.com/eclipse-ee4j/injection-api">https://github.com/eclipse-ee4j/injection-api</a> <a href="https://github.com/eclipse-ee4j/injection-spec">https://github.com/eclipse-ee4j/injection-spec</a> <a href="https://github.com/eclipse-ee4j/injection-tck">https://github.com/eclipse-ee4j/injection-tck</a></p> <p>Third-party Content</p> <p>This project leverages the following third party content.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>None</p> <p>Cryptography</p> <p>None</p> <p>---License</p> <p>Copyright (c) 2018 Oracle and/or its affiliates. All rights reserved.</p> <p>See <a href="#">Appendix M</a></p> <p>-----</p> <p>-----</p> <p>-----</p> <p>--Dependency</p> <p>rg.antlr:antlr-runtime</p> <p>--LICENSE</p> <p>[The "BSD 3-clause license"]</p> <p>Copyright (c) 2012-2017 The ANTLR Project. All rights reserved.</p> <p>See <a href="#">Appendix M</a></p> <p>=====</p> <p>MIT License for codepointat.js from https://git.io/codepointat</p> <p>MIT License for fromcodepoint.js from https://git.io/vDW1m</p> <p>Copyright Mathias Bynens</p> <p>See <a href="#">Appendix G</a></p> <p>-----</p> <p>-----</p> <p>-</p> <p>-----</p> <p>----- Dependencies Grouped by License</p> <p>-----</p> <p>----Dependency</p> <p>jakarta.ejb-api</p> <p>----Notice</p> <p>Notices for Jakarta Enterprise Beans</p> <p>This content is produced and maintained by the Jakarta Enterprise Beans project.</p> <p>Project home: https://projects.eclipse.org/projects/ee4j.ejb</p> <p>Trademarks</p> <p>Jakarta Enterprise Beans is a trademark of the Eclipse Foundation.</p> <p>Copyright</p> <p>All content is the property of the respective authors or their employers. For more information regarding authorship of</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>content, please consult the listed source code repository logs.</p> <p>Declared Project Licenses</p> <p>This program and the accompanying materials are made available under the terms of the Eclipse Public License v. 2.0 which is available at <a href="http://www.eclipse.org/legal/epl-2.0">http://www.eclipse.org/legal/epl-2.0</a>. This Source Code may also be made available under the following Secondary Licenses when the conditions for such availability set forth in the Eclipse Public License v. 2.0 are satisfied: GNU General Public License, version 2 with the GNU Classpath Exception which is available at <a href="https://www.gnu.org/software/classpath/license.html">https://www.gnu.org/software/classpath/license.html</a>.</p> <p>SPDX-License-Identifier: EPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0</p> <p>Source Code</p> <p>The project maintains the following source code repositories:</p> <p><a href="https://github.com/eclipse-ee4j/ejb-api">https://github.com/eclipse-ee4j/ejb-api</a></p> <p>Third-party Content</p> <p>Cryptography</p> <p>Content may contain encryption software. The country in which you are currently may have restrictions on the import, possession, and use, and/or re-export to another country, of encryption software. BEFORE using any encryption software, please check the country's laws, regulations and policies concerning the import, possession, or use, and re-export of encryption software, to see if this is permitted.</p> <p>----Dependency</p> <p>jakarta.jms-api</p> <p>----Notice</p> <p>Notices for the Jakarta Messaging project</p> <p>This content is produced and maintained by the Jakarta Messaging project.</p> <p>Project home: <a href="https://projects.eclipse.org/projects/ee4j.messaging">https://projects.eclipse.org/projects/ee4j.messaging</a></p> <p>Trademarks</p> <p>Eclipse Project for JMS is a trademark of the Eclipse Foundation.</p> <p>Copyright</p> <p>All content is the property of the respective authors or their employers. For more information regarding authorship of content, please consult the listed source code repository logs.</p> <p>Declared Project Licenses</p> <p>This program and the accompanying materials are made available under the terms of the Eclipse Public License v. 2.0 which is available at <a href="http://www.eclipse.org/legal/epl-2.0">http://www.eclipse.org/legal/epl-2.0</a>. This Source Code may also be made available under the following Secondary Licenses when the conditions for such</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>availability set forth in the Eclipse Public License v. 2.0 are satisfied: GNU General Public License, version 2 with the GNU Classpath Exception which is available at <a href="https://www.gnu.org/software/classpath/license.html">https://www.gnu.org/software/classpath/license.html</a>.</p> <p>SPDX-License-Identifier: EPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0</p> <p>Source Code</p> <p>The project maintains the following source code repositories:</p> <p><a href="https://github.com/eclipse-ee4j/messaging">https://github.com/eclipse-ee4j/messaging</a></p> <p><a href="https://github.com/eclipse-ee4j/messaging-proposals">https://github.com/eclipse-ee4j/messaging-proposals</a></p> <p>Third-party Content</p> <p>Cryptography</p> <p>Content may contain encryption software. The country in which you are currently may have restrictions on the import, possession, and use, and/or re-export to another country, of encryption software. BEFORE using any encryption software, please check the country's laws, regulations and policies concerning the import, possession, or use, and re-export of encryption software, to see if this is permitted.</p> <p>----Dependency</p> <p>jakarta.transaction-api</p> <p>----Notice</p> <p>Notices for Jakarta Transactions</p> <p>This content is produced and maintained by the Jakarta Transactions project.</p> <p>Project home: <a href="https://projects.eclipse.org/projects/ee4j.jta">https://projects.eclipse.org/projects/ee4j.jta</a></p> <p>Trademarks</p> <p>Jakarta Transactions is a trademark of the Eclipse Foundation.</p> <p>Copyright</p> <p>All content is the property of the respective authors or their employers. For more information regarding authorship of content, please consult the listed source code repository logs.</p> <p>Declared Project Licenses</p> <p>This program and the accompanying materials are made available under the terms of the Eclipse Public License v. 2.0 which is available at <a href="http://www.eclipse.org/legal/epl-2.0">http://www.eclipse.org/legal/epl-2.0</a>. This Source Code may also be made available under the following Secondary Licenses when the conditions for such availability set forth in the Eclipse Public License v. 2.0 are satisfied: GNU General Public License, version 2 with the GNU Classpath Exception which is available at <a href="https://www.gnu.org/software/classpath/license.html">https://www.gnu.org/software/classpath/license.html</a>.</p> <p>SPDX-License-Identifier: EPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0</p> <p>Source Code</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>The project maintains the following source code repositories:<br/> <a href="https://github.com/eclipse-ee4j/jta-api">https://github.com/eclipse-ee4j/jta-api</a></p> <p>Third-party Content<br/> This project leverages the following third party content.<br/> None</p> <p>Cryptography<br/> Content may contain encryption software. The country in which you are currently may have restrictions on the import, possession, and use, and/or re-export to another country, of encryption software. BEFORE using any encryption software, please check the country's laws, regulations and policies concerning the import, possession, or use, and re-export of encryption software, to see if this is permitted.</p> <p>----Dependency<br/> jakarta.el-api</p> <p>-----Notice<br/> Notices for Jakarta Expression Language<br/> This content is produced and maintained by the Jakarta Expression Language project.<br/> Project home: <a href="https://projects.eclipse.org/projects/ee4j.el">https://projects.eclipse.org/projects/ee4j.el</a></p> <p>Trademarks<br/> Jakarta Expression Language is a trademark of the Eclipse Foundation.</p> <p>Copyright<br/> All content is the property of the respective authors or their employers. For more information regarding authorship of content, please consult the listed source code repository logs.</p> <p>Declared Project Licenses<br/> This program and the accompanying materials are made available under the terms of the Eclipse Public License v. 2.0 which is available at <a href="http://www.eclipse.org/legal/epl-2.0">http://www.eclipse.org/legal/epl-2.0</a>. This Source Code may also be made available under the following Secondary Licenses when the conditions for such availability set forth in the Eclipse Public License v. 2.0 are satisfied: GNU General Public License, version 2 with the GNU Classpath Exception which is available at <a href="https://www.gnu.org/software/classpath/license.html">https://www.gnu.org/software/classpath/license.html</a>.</p> <p>SPDX-License-Identifier: EPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0</p> <p>Source Code<br/> The project maintains the following source code repositories:<br/> <a href="https://github.com/eclipse-ee4j/el-ri">https://github.com/eclipse-ee4j/el-ri</a></p> <p>Third-party Content<br/> Cryptography<br/> Content may contain encryption software. The country in which you are currently may have restrictions on the import,</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>possession, and use, and/or re-export to another country, of encryption software. BEFORE using any encryption software, please check the country's laws, regulations and policies concerning the import, possession, or use, and re-export of encryption software, to see if this is permitted.</p> <p>-----Dependency<br/>jakarta.interceptor-api</p> <p>-----Notice</p> <p>Notices for Eclipse Project for Interceptors<br/>This content is produced and maintained by the Eclipse Project for Interceptors project.</p> <p>Project home: <a href="https://projects.eclipse.org/projects/ee4j.interceptors">https://projects.eclipse.org/projects/ee4j.interceptors</a></p> <p>Trademarks<br/>Eclipse Project for Interceptors is a trademark of the Eclipse Foundation.</p> <p>Copyright<br/>All content is the property of the respective authors or their employers. For more information regarding authorship of content, please consult the listed source code repository logs.</p> <p>Declared Project Licenses<br/>This program and the accompanying materials are made available under the terms of the Eclipse Public License v. 2.0 which is available at <a href="http://www.eclipse.org/legal/epl-2.0">http://www.eclipse.org/legal/epl-2.0</a>. This Source Code may also be made available under the following Secondary Licenses when the conditions for such availability set forth in the Eclipse Public License v. 2.0 are satisfied: GNU General Public License, version 2 with the GNU Classpath Exception which is available at <a href="https://www.gnu.org/software/classpath/license.html">https://www.gnu.org/software/classpath/license.html</a>.</p> <p>SPDX-License-Identifier: EPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0</p> <p>Source Code<br/>The project maintains the following source code repositories:<br/><a href="https://github.com/eclipse-ee4j/interceptor-api">https://github.com/eclipse-ee4j/interceptor-api</a></p> <p>Third-party Content</p> <p>Cryptography<br/>Content may contain encryption software. The country in which you are currently may have restrictions on the import, possession, and use, and/or re-export to another country, of encryption software. BEFORE using any encryption software, please check the country's laws, regulations and policies concerning the import, possession, or use, and re-export of encryption software, to see if this is permitted.</p> <p>-----Dependency<br/>jakarta.annotation-api</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>-----Notice</p> <p>Notices for Jakarta Annotations</p> <p>This content is produced and maintained by the Jakarta Annotations project.</p> <p>Project home: <a href="https://projects.eclipse.org/projects/ee4j.ca">https://projects.eclipse.org/projects/ee4j.ca</a></p> <p>Trademarks</p> <p>Jakarta Annotations is a trademark of the Eclipse Foundation.</p> <p>Declared Project Licenses</p> <p>This program and the accompanying materials are made available under the terms of the Eclipse Public License v. 2.0 which is available at <a href="http://www.eclipse.org/legal/epl-2.0">http://www.eclipse.org/legal/epl-2.0</a>. This Source Code may also be made available under the following Secondary Licenses when the conditions for such availability set forth in the Eclipse Public License v. 2.0 are satisfied: GNU General Public License, version 2 with the GNU Classpath Exception which is available at <a href="https://www.gnu.org/software/classpath/license.html">https://www.gnu.org/software/classpath/license.html</a>.</p> <p>SPDX-License-Identifier: EPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0</p> <p>Source Code</p> <p>The project maintains the following source code repositories:</p> <p><a href="https://github.com/eclipse-ee4j/common-annotations-api">https://github.com/eclipse-ee4j/common-annotations-api</a></p> <p>Third-party Content</p> <p>Cryptography</p> <p>Content may contain encryption software. The country in which you are currently may have restrictions on the import, possession, and use, and/or re-export to another country, of encryption software. BEFORE using any encryption software, please check the country's laws, regulations and policies concerning the import, possession, or use, and re-export of encryption software, to see if this is permitted.</p> <p>-----License</p> <p>Eclipse Public License - v 1.0 See <a href="#">Appendix J</a></p> <p>----- Dependencies Grouped by License</p> <p>-----</p> <p>---Dependency</p> <p>kie-api</p> <p>kie-internal</p> <p>kie-soup-maven-support</p> <p>kie-soup-xstream</p> <p>kie-memory-compiler</p> <p>kie-soup-project-datamodel-commons</p> <p>kie-soup-commons</p> <p>kie-soup-project-datamodel-api</p> <p>---Dependency</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>org.osgi.core<br/>org.osgi.compendium<br/>----Dependency<br/>commons-codec.commons-codec<br/>----- Notices<br/>Apache Commons Codec<br/>Copyright 2002-2020 The Apache Software Foundation<br/>This product includes software developed at<br/>The Apache Software Foundation (<a href="https://www.apache.org/">https://www.apache.org/</a>).<br/>src/test/org/apache/commons/codec/language/<br/>DoubleMetaphoneTest.java<br/>contains test data from <a href="http://aspell.net/test/orig/batch0.tab">http://aspell.net/test/orig/batch0.tab</a>.<br/>Copyright (C) 2002 Kevin Atkinson (kevina@gnu.org)<br/>----Dependency<br/>jakarta.enterprise.cdi-api<br/>-----Dependency<br/>commons-collections4<br/>-----Notice<br/>Apache Commons Collections<br/>Copyright 2001-2019 The Apache Software Foundation<br/>This product includes software developed at<br/>The Apache Software Foundation (<a href="http://www.apache.org/">http://www.apache.org/</a>).<br/>-----Dependency<br/>commons-math3<br/>-----Notice<br/>Apache Commons Math<br/>Copyright 2001-2022 The Apache Software Foundation<br/>This product includes software developed at<br/>The Apache Software Foundation (<a href="http://www.apache.org/">http://www.apache.org/</a>).<br/>This product includes software developed for Orekit by<br/>CS Systèmes d'Information (<a href="http://www.c-s.fr/">http://www.c-s.fr/</a>)<br/>Copyright 2010-2012 CS Systèmes d'Information<br/>-----Dependency<br/>xmlbeans<br/>-----Notice<br/>=====<br/>=====<br/>== NOTICE file corresponding to section 4(d) of the Apache<br/>License, ==<br/>== Version 2.0, in this case for the Apache XmlBeans<br/>distribution. ==<br/>=====<br/>=====</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>This product includes software developed at The Apache Software Foundation (<a href="http://www.apache.org/">http://www.apache.org/</a>).</p> <p>Portions of this software were originally based on the following:</p> <ul style="list-style-type: none"> <li>- software copyright (c) 2000-2003, BEA Systems, .</li> </ul> <p>Aside from contributions to the Apache XMLBeans project, this software also includes:</p> <ul style="list-style-type: none"> <li>- one or more source files from the Apache Xerces-J and Apache Axis products, Copyright (c) 1999-2003 Apache Software Foundation</li> <li>- W3C XML Schema documents Copyright 2001-2003 (c) World Wide Web Consortium (Massachusetts Institute of Technology, European Research Consortium for Informatics and Mathematics, Keio University)</li> <li>- resolver.jar from Apache Xml Commons project, Copyright (c) 2001-2003 Apache Software Foundation</li> </ul> <p>-----Dependency<br/>commons-compress</p> <p>-----Notice<br/>Apache Commons Compress<br/>Copyright 2002-2019 The Apache Software Foundation</p> <p>This product includes software developed at The Apache Software Foundation (<a href="https://www.apache.org/">https://www.apache.org/</a>).</p> <p>The files in the package <code>org.apache.commons.compress.archivers.sevenz</code> were derived from the LZMA SDK, version 9.20 (C/ and CPP/7zip/), which has been placed in the public domain:</p> <p>"LZMA SDK is placed in the public domain." (<a href="http://www.7zip.org/sdk.html">http://www.7zip.org/sdk.html</a>)</p> <p>-----Dependency<br/>mvel2<br/>SparseBitSet</p> <p>-----License<br/><a href="https://www.apache.org/licenses/LICENSE-2.0.txt">https://www.apache.org/licenses/LICENSE-2.0.txt</a><br/>Apache License, version 2.0 - See <a href="#">Appendix E</a></p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider  | Component (s)               | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-----------|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Coda Hale | DropWizard Metrics 4.1.10.1 | <p>dropwizard-metrics 4.0.5<br/>           COPYRIGHT: Copyright 2010-2013<br/>           Coda Hale and Yammer, Inc., 2014-2017 Dropwizard Team<br/>           LICENSE:Apache 2.0<br/>           Apache License, version 2.0 - See <a href="#">Appendix E</a></p> <p>=====</p> <p>=====</p> <p>Modules: docs<br/>           metrics-bom<br/>           metrics-annotation<br/>           metrics-benchmarks<br/>           metrics-core<br/>           metrics-healthchecks<br/>           metrics-ehcache<br/>           metrics-graphite<br/>           metrics-httpclient<br/>           metrics-httpasyncclient<br/>           metrics-jcache<br/>           metrics-jdbi<br/>           metrics-jdbi3<br/>           metrics-jersey2<br/>           metrics-jetty9<br/>           metrics-json<br/>           metrics-jvm<br/>           metrics-log4j2<br/>           metrics-logback<br/>           metrics-servlet<br/>           metrics-servlets<br/>           metrics-jcstress<br/>           metrics-jmx</p> <p>=====</p> <p>=====</p> <p>Notice File:<br/>           This product includes code derived from the JSR-166 project<br/>           (ThreadLocalRandom, Striped64, LongAdder),<br/>           which was released with the following comments:<br/>           Written by Doug Lea with assistance from members of JCP<br/>           JSR-166 Expert Group and released to the public domain,<br/>           as explained at <a href="http://creativecommons.org/publicdomain/zero/1.0/">http://creativecommons.org/publicdomain/zero/1.0/</a></p> <p>=====</p> <p>=====</p> <p>Dependencies:<br/>           org.slf4j 1.7.25 COPYRIGHT and<br/>           LICENSE: Copyright (c) 2004-2017 QOS.ch<br/>           All rights reserved.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>See <a href="#">Appendix G</a></p> <p>---</p> <p>assertj 3.6.2</p> <p>COPYRIGHT: Copyright 2012-2018 the original author or authors.</p> <p>Apache License, version 2.0 - See <a href="#">Appendix E</a></p> <p><a href="https://github.com/joel-costigliola/assertj-core/blob/master/LICENSE.md">https://github.com/joel-costigliola/assertj-core/blob/master/LICENSE.md</a></p> <p>---</p> <p>mockito 2.7.12 COPYRIGHT and LICENSE:</p> <p>MIT License See <a href="#">Appendix G</a></p> <p>---</p> <p>com.fasterxml.jackson.core » jackson-databind 2.9.5</p> <p>COPYRIGHT: (c) fasterxml and Tatu Saloranta, tatu.saloranta@iki.fi: author</p> <p>LICENSE: Apache 2.0 <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>---</p> <p>com.rabbitmq » amqp-client 4.4.1</p> <p>COPYRIGHT: Copyright (c) 2007-Present Pivotal Software, Inc. All rights reserved.</p> <p>LICENSE: GNU GPL v2.0 + Apache 2.0 + MPL v1.1</p> <p>This package, the RabbitMQ Java client library, is triple-licensed under the</p> <p>Mozilla Public License 1.1 ("MPL"), the GNU General Public License version 2 ("GPL") and the</p> <p>Apache License version 2 ("ASL").</p> <p>For the MPL, please see LICENSE-MPL-RabbitMQ. For the GPL, please see LICENSE-GPL2.</p> <p>For the ASL, please see LICENSE-APACHE2.</p> <p>The RabbitMQ Java client library includes third-party software under the ASL.</p> <p>For this license, please see LICENSE-APACHE2. For attribution of copyright and other details of provenance, please refer to the source code. If you have any questions regarding licensing, please contact us at <a href="mailto:info@rabbitmq.com">info@rabbitmq.com</a>. Apache 2.0</p> <p><a href="https://github.com/rabbitmq/rabbitmq-java-client/blob/v4.4.1/LICENSE-APACHE2">https://github.com/rabbitmq/rabbitmq-java-client/blob/v4.4.1/LICENSE-APACHE2</a></p> <p>=====</p> <p>GNU General Public License, Version 2 (GPL-2.1) - See <a href="#">Appendix B</a></p> <p>=====</p> <p>Mozilla Public License Version 1.1 - See <a href="#">Appendix S</a></p> <p>---</p> <p>com.papertrail » profiler 1.0.2</p> <p>COPYRIGHT and LICENSE:</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Copyright 2015 Papertrail, Inc. Licensed under the Apache License, Version 2.0 (the "License");<br/>you may not use this file except in compliance with the License.<br/>You may obtain a copy of the License at<br/><a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a><br/>Unless required by applicable law or agreed to in writing,<br/>software distributed under the<br/>License is distributed on an "AS IS" BASIS,<br/>WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND,<br/>either express or implied.<br/>See the License for the specific language governing<br/>permissions and limitations under the License.<br/>---<br/>org.eclipse.jetty » jetty-server 9.4.14.v20181114<br/>LICENSE: EPL v1.0 + Apache 2.0<br/>This program and the accompanying materials are made<br/>available under the terms of the<br/>Eclipse Public License 2.0 which is available at<br/><a href="http://www.eclipse.org/legal/epl-2.0">http://www.eclipse.org/legal/epl-2.0</a>, or the Apache Software<br/>License 2.0 which is available at<br/><a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a>.<br/>Eclipse Public License - v 1.0 See <a href="#">Appendix J</a><br/>Apache License, version 2.0 - See <a href="#">Appendix E</a><br/>=====</p> <p>Notice file:<br/>=====</p> <p>Jetty Web Container Copyright 1995-2019 Mort Bay<br/>Consulting Pty Ltd.<br/>=====</p> <p>The Jetty Web Container is Copyright Mort Bay Consulting<br/>Pty Ltd unless otherwise noted.<br/>Jetty is dual licensed under both<br/>* The Apache 2.0 License <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/<br/>LICENSE-2.0.html</a> and<br/>* The Eclipse Public 1.0 License<br/><a href="http://www.eclipse.org/legal/epl-v10.html">http://www.eclipse.org/legal/epl-v10.html</a> Jetty may be<br/>distributed under either license.<br/>-----</p> <p>Eclipse<br/>The following artifacts are EPL.<br/>* org.eclipse.jetty.orbit:org.eclipse.jdt.core<br/>The following artifacts are EPL and ASL2.<br/>* org.eclipse.jetty.orbit:javax.security.auth.message<br/>The following artifacts are EPL and CDDL 1.0.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>* org.eclipse.jetty.orbit:javax.mail.glassfish</p> <p>-----</p> <p>Oracle The following artifacts are CDDL + GPLv2 with classpath exception.<br/> <a href="https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html">https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html</a></p> <p>* javax.servlet:javax.servlet-api</p> <p>* javax.annotation:javax.annotation-api</p> <p>* javax.transaction:javax.transaction-api</p> <p>* javax.websocket:javax.websocket-api</p> <p>-----</p> <p>Oracle OpenJDK If ALPN is used to negotiate HTTP/2 connections, then the following artifacts may be included in the distribution or downloaded when ALPN module is selected.</p> <p>* java.sun.security.ssl</p> <p>These artifacts replace/modify OpenJDK classes.<br/> The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.<br/> <a href="http://openjdk.java.net/legal/gplv2+ce.html">http://openjdk.java.net/legal/gplv2+ce.html</a></p> <p>----- OW2</p> <p>The following artifacts are licensed by the OW2 Foundation according to the terms of<br/> <a href="http://asm.ow2.org/license.html">http://asm.ow2.org/license.html</a><br/> org.ow2.asm:asm-commons<br/> org.ow2.asm:asm</p> <p>-----</p> <p>Apache</p> <p>The following artifacts are ASL2 licensed.<br/> org.apache.taglibs:taglibs-standard-spec<br/> org.apache.taglibs:taglibs-standard-impl</p> <p>-----</p> <p>MortBay</p> <p>The following artifacts are ASL2 licensed.<br/> Based on selected classes from following Apache Tomcat jars, all ASL2 licensed.<br/> org.mortbay.jasper:apache-jsp<br/> org.apache.tomcat:tomcat-jasper<br/> org.apache.tomcat:tomcat-juli<br/> org.apache.tomcat:tomcat-jsp-api<br/> org.apache.tomcat:tomcat-el-api<br/> org.apache.tomcat:tomcat-jasper-el<br/> org.apache.tomcat:tomcat-api<br/> org.apache.tomcat:tomcat-util-scan<br/> org.apache.tomcat:tomcat-util</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>org.mortbay.jasper:apache-el<br/>org.apache.tomcat:tomcat-jasper-el<br/>org.apache.tomcat:tomcat-el-api<br/>-----<br/>Mortbay The following artifacts are CDDL + GPLv2 with classpath exception.<br/><a href="https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html">https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html</a><br/>org.eclipse.jetty.toolchain:jetty-schemas<br/>-----<br/>Assorted<br/>The UnixCrypt.java code implements the one way cryptography used by Unix systems for simple password protection. Copyright 1996 Aki Yoshida, modified April 2001 by Iris Van den Broeke, Daniel Deville. Permission to use, copy, modify and distribute UnixCrypt for non-commercial or commercial purposes and without fee is granted provided that the copyright notice appears in all copies.<br/>---<br/>ch.qos.logback » logback-classic 1.2.3<br/>COPYRIGHT and LICENSE: Logback LICENSE<br/>-----<br/>Logback: the reliable, generic, fast and flexible logging framework.<br/>Copyright (C) 1999-2015, QOS.ch. All rights reserved.<br/>This program and the accompanying materials are dual-licensed under either the terms of the Eclipse Public License v1.0 as published by the Eclipse Foundation or (per the licensee's choosing) under the terms of the GNU Lesser General Public License version 2.1 as published by the Free Software Foundation.<br/>LGPL v2.1 - See <a href="#">Appendix T</a><br/>---- org.apache.httpcomponents » httpclient 4.5.5<br/>COPYRIGHT: Copyright 1999-2018<br/>The Apache Software Foundation LICENSE: Apache 2.0<br/><a href="https://github.com/apache/httpcomponents-client/blob/4.5.5/LICENSE.txt">https://github.com/apache/httpcomponents-client/blob/4.5.5/LICENSE.txt</a><br/>---<br/>org.openjdk.jmh 1.19 No Copyright info<br/>LICENSE: GNU GPL v2.0<br/><a href="https://github.com/infynyx/openjdk-jmh/blob/d5660790826189b3515083a270775f77a6378efc/jmh-core-it/LICENSE">https://github.com/infynyx/openjdk-jmh/blob/d5660790826189b3515083a270775f77a6378efc/jmh-core-it/LICENSE</a><br/>---<br/>net.sf.ehcache » ehcache 2.10.4<br/>COPYRIGHT: (c) © Terracotta, Inc</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>LICENSE: Apache 2.0<br/> <a href="http://www.ehcache.org/about/license.html">http://www.ehcache.org/about/license.html</a><br/>           ---<br/>           apache httpasyncclient 4.1.3<br/>           COPYRIGHT: Copyright 2010-2017<br/>           The Apache Software Foundation<br/>           LICENSE: Apache 2.0<br/> <a href="https://github.com/apache/httpasyncclient/blob/4.1.3/LICENSE.txt">https://github.com/apache/httpasyncclient/blob/4.1.3/LICENSE.txt</a><br/>           ---<br/>           org.jdbi » jdbi 2.38.1 org.jdbi » jdbi3-core 3.0.0-rc1<br/>           COPYRIGHT: Copyright (C) 2004 - 2015 Brian McCallister<br/>           LICENSE: Apache 2.0 <a href="https://github.com/jdbi/jdbi/blob/jdbi-2.38.1/LICENSE">https://github.com/jdbi/jdbi/blob/jdbi-2.38.1/LICENSE</a><br/>           ---<br/>           org.apache.logging.log4j » log4j-api 2.10.0<br/>           org.apache.logging.log4j » log4j-core 2.10.0<br/>           COPYRIGHT: Copyright 1999-2017 Apache Software Foundation<br/>           LICENSE: Apache 2.0 <a href="https://github.com/apache/logging-log4j2/blob/master/LICENSE.txt">https://github.com/apache/logging-log4j2/blob/master/LICENSE.txt</a><br/>           NOTICE: Apache Log4j Copyright 1999-2017 Apache Software Foundation<br/>           This product includes software developed at<br/>           The Apache Software Foundation (<a href="http://www.apache.org/">http://www.apache.org/</a>).<br/>           ResolverUtil.java<br/>           Copyright 2005-2006 Tim Fennell Dumbster SMTP test server<br/>           Copyright 2004 Jason Paul Kitchen TypeUtil.java<br/>           Copyright 2002-2012 Ramnivas Laddad, Juergen Hoeller, Chris Beams picocli (<a href="http://picocli.info">http://picocli.info</a>)<br/>           Copyright 2017 Remko Popma<br/>           ---<br/>           org.openjdk.jcstress jcstress-core 0.1.1 No copyright info<br/>           LICENSE: Apache 2.0 <a href="https://github.com/jwoschitz/jcstress-examples/blob/master/LICENSE">https://github.com/jwoschitz/jcstress-examples/blob/master/LICENSE</a></p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s)                                          | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|----------|--------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Alibaba  | Fastjson 2.0.45<br>Fastjson2 2.0.35<br>fastjson 1.2.73 | <p>Copyright 1999-2019 Alibaba Group Holding Ltd.<br/>Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.</p> <p>Apache License, version 2.0 - See <a href="#">Appendix E</a></p> <p>++++4th party dependencies++++</p> <p>com.squareup.retrofit2, v2.5.0, Apache 2.0</p> <p>/*</p> <p>* Copyright (C) 2015 Square, Inc.</p> <p>*</p> <p>* Licensed under the Apache License, Version 2.0 (the "License");</p> <p>* you may not use this file except in compliance with the License.</p> <p>* You may obtain a copy of the License at</p> <p>*</p> <p>* <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>*</p> <p>* Unless required by applicable law or agreed to in writing, software</p> <p>* distributed under the License is distributed on an "AS IS" BASIS,</p> <p>* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. * See the License for the specific language governing permissions and</p> <p>* limitations under the License.</p> <p>*/</p> <p>+++++</p> <p>com.squareup.okhttp3, v3.6.0, Apache 2.0 /*</p> <p>* Copyright (C) 2012 Square, Inc. *</p> <p>* Licensed under the Apache License, Version 2.0 (the "License");</p> <p>* you may not use this file except in compliance with the License.</p> <p>* You may obtain a copy of the License at *</p> <p>* <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a> *</p> <p>* Unless required by applicable law or agreed to in writing, software</p> <p>* distributed under the License is distributed on an "AS IS" BASIS,</p> <p>* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. * See the License for the</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>specific language governing permissions and * limitations under the License.</p> <p>*/</p> <p>++++++</p> <p>jersey-common, v2.23.2, EPL v2.0 or GPL v2.0</p> <p>/*</p> <p>* Copyright (c) 2013, 2019 Oracle and/or its affiliates. All rights reserved.</p> <p>*</p> <p>* This program and the accompanying materials are made available under the</p> <p>* terms of the Eclipse Public License v. 2.0, which is available at</p> <p>* <a href="http://www.eclipse.org/legal/epl-2.0">http://www.eclipse.org/legal/epl-2.0</a>.</p> <p>*</p> <p>* This Source Code may also be made available under the following Secondary</p> <p>* Licenses when the conditions for such availability set forth in the</p> <p>* Eclipse Public License v. 2.0 are satisfied: GNU General Public License,</p> <p>* version 2 with the GNU Classpath Exception, which is available at</p> <p>* <a href="https://www.gnu.org/software/classpath/license.html">https://www.gnu.org/software/classpath/license.html</a>.</p> <p>*</p> <p>* SPDX-License-Identifier: EPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0</p> <p>*/</p> <p>Eclipse Public License - v 2.0 - See <a href="#">Appendix Y</a></p> <p>++++++</p> <p>joda-time, v2.10, Apache 2.0</p> <p>/*</p> <p>* Copyright 2001-2014 Stephen Colebourne</p> <p>*</p> <p>* Licensed under the Apache License, Version 2.0 (the "License");</p> <p>* you may not use this file except in compliance with the License.</p> <p>* You may obtain a copy of the License at</p> <p>*</p> <p>* <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>*</p> <p>* Unless required by applicable law or agreed to in writing, software</p> <p>* distributed under the License is distributed on an "AS IS" BASIS,</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider         | Component (s)                             | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|------------------|-------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                  |                                           | <p>* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.</p> <p>* See the License for the specific language governing permissions and</p> <p>* limitations under the License.</p> <p>*/</p> <p>++++++</p> <p>protobuf-java, v3.11.0, BSD license</p> <p>Copyright 2008 Google Inc. All rights reserved.</p> <p>See <a href="#">Appendix M</a></p> <p>Code generated by the Protocol Buffer compiler is owned by the owner of the input file used when generating it. This code is not standalone and requires a support library to be linked with it. This support library is itself covered by the above license.</p> <p>++++++</p>   |
| Eli Grey         | file-saver 2.0.5                          | <p><a href="https://github.com/eligrey/FileSaver.js/blob/master/LICENSE.md">https://github.com/eligrey/FileSaver.js/blob/master/LICENSE.md</a></p> <p>-----separator-----</p> <p>MIT License See <a href="#">Appendix G</a></p> <p>-----separator-----</p>                                                                                                                                                                                                                                                                                                                                                                                                  |
| The Pallets Team | Flask 2.0.2<br>Flask 2.2.3<br>Flask 2.3.2 | <p>Top Level Component: Flask</p> <p>-----</p> <p>Top level Copyright:</p> <p>-----</p> <p>Copyright 2010 Pallets</p> <p>-----</p> <p>Top level component license: BSD-3-clause</p> <p>-----</p> <p>License Text:</p> <p>-----</p> <p>See <a href="#">Appendix M</a></p> <p>-----</p> <p>DEPENDENCIES</p> <p>-----</p> <p>1. click: Copyright 2014 Pallets</p> <p>2. itsdangerous: Copyright 2011 Pallets</p> <p>3. Jinja2: Copyright 2007 Pallets</p> <p>4. MarkupSafe: Copyright 2010 Pallets</p> <p>5. Werkzeug: Copyright 2007 Pallets</p> <p>All 5 dependencies using the same license as the top component: BSD-3-clause. See license text above.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider                 | Component (s)                            | Licensing Information                                                |
|--------------------------|------------------------------------------|----------------------------------------------------------------------|
| Mozilla                  | geckodriver 0.32.0<br>geckodriver 0.34.0 | Mozilla Public License, version 2.0 - See <a href="#">Appendix R</a> |
| Free Software Foundation | gnu tar 1.30-9<br>gnu tar 1.30-6         | GNU GENERAL PUBLIC LICENSE 3.0 - See <a href="#">Appendix E</a>      |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s)                              | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Google   | Guava 31.1<br>Guava 32.1.2<br>Guava 33.0.0 | <p>--- Guava 30.1.1 Copyright (C) 2020 The Guava Authors Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a> Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License. APACHE 2.0 - See <a href="#">Appendix E</a></p> <p>===== +--- 4th party:<br/>com.google.guava:listenablefuture Copyright (C) 2018 The Guava Authors Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a> Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License. &lt; Apache License Version 2.0&gt;</p> <p>===== +--- 4th party:<br/>com.google.code.findbugs:jsr305 The JSR-305 reference implementation (lib/jsr305.jar) is distributed under the terms of the New BSD license: <a href="http://www.opensource.org/licenses/bsd-license.php">http://www.opensource.org/licenses/bsd-license.php</a> See the JSR-305 home page for more information: <a href="http://code.google.com/p/jsr-305/">http://code.google.com/p/jsr-305/</a> See <a href="#">Appendix M</a></p> <p>===== +--- 4th party: jcip-annotations Copyright (c) 2005, Brian Goetz and Tim Peierls See <a href="#">Appendix M</a></p> <p>===== +--- 4th party:<br/>com.google.errorprone:error_prone_annotations Copyright 2015 The Error Prone Authors. Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a> Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License. &lt; Apache License Version 2.0&gt;</p> <p>===== +--- 4th party:<br/>com.google.j2objc:j2objc-annotations Google Inc. Daniel Connelly Copyright 2012 Google Inc. All Rights Reserved. Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at</p> |

Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>http://www.apache.org/licenses/LICENSE-2.0 Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License. &lt; Apache License Version 2.0&gt;</p> <p>=====</p> <p>----- +--- 4th party:</p> <p>org.checkerframework:checker-qual Copyright 2004-present by the Checker Framework developers</p> <p>MIT License See <a href="#">Appendix G</a></p> <p>--- 4th party: org.codehaus.mojo:animal-sniffer-annotations Copyright (c) 2009 codehaus.org.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider        | Component (s)  | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-----------------|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Benoît Chesneau | unicorn 21.2.0 | <p>Gunicorn 2009-2018 (c)<br/> Benoît Chesneau &lt;benoitc@e-engura.org&gt; 2009-2015 (c)<br/> Paul J. Davis &lt;paul.joseph.davis@gmail.com&gt;<br/> Gunicorn is released under the MIT license.<br/> See the LICENSE file for the complete license.<br/> gunicorn.logging_config<br/> -----<br/> Copyright 2001-2005 by Vinay Sajip.<br/> All Rights Reserved.<br/> Permission to use, copy, modify, and distribute this software and its documentation for any purpose and without fee is hereby granted, provided that the above copyright notice appear in all copies and that both that copyright notice and this permission notice appear in supporting documentation, and that the name of Vinay Sajip not be used in advertising or publicity pertaining to distribution of the software without specific, written prior permission.<br/> VINAY SAJIP DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE,<br/> INCLUDINGALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS.<br/> IN NO EVENT SHALL VINAY SAJIP BE LIABLE FOR ANY SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.<br/> gunicorn.debug<br/> -----<br/> Based on eventlet.debug module under MIT license:<br/> Unless otherwise noted, the files in Eventlet are under the following<br/> MIT License See <a href="#">Appendix G</a><br/> gunicorn.reloaders<br/> -----<br/> Based on greins.reloaders module under MIT license: 2010 (c) Meebo, Inc.<br/> MIT License See <a href="#">Appendix G</a><br/> doc/sitemap_gen.py<br/> -----<br/> Under BSD License :<br/> Copyright (c) 2004, 2005, Google Inc.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>All rights reserved.<br/>See <a href="#">Appendix M</a><br/>util/unlink.py<br/>-----<br/>backport froppython3 Lib/test/support.py gunicorn/<br/>selectors.py<br/>-----<br/>Copyright (c) 2001-2016 Python Software Foundation;<br/>All Rights Reserved<br/>PYTHON SOFTWARE FOUNDATION LICENSE VERSION 2<br/>-----<br/>1. This LICENSE AGREEMENT is between the Python<br/>Software<br/>Foundation ("PSF"), and the Individual or Organization<br/>("Licensee")<br/>accessing and otherwise using this software ("Python") in<br/>source or<br/>binary form and its associated documentation.<br/>2. Subject to the terms and conditions of this License<br/>Agreement,<br/>PSF hereby grants Licensee a nonexclusive, royalty-free,<br/>world-wide<br/>license to reproduce, analyze, test, perform and/or display<br/>publicly,<br/>prepare derivative works, distribute, and otherwise use<br/>Python alone or<br/>in any derivative version, provided, however, that PSF's<br/>License<br/>Agreement and PSF's notice of copyright, i.e.,<br/>"Copyright (c) 2001-2016 Python Software Foundation;<br/>All Rights Reserved" are retained in Python alone or in any<br/>derivative<br/>version prepared by Licensee.<br/>3. In the event Licensee prepares a derivative work that is<br/>based on or<br/>incorporates Python or any part thereof, and wants to make<br/>the derivative<br/>work available to others as provided herein, then Licensee<br/>hereby agrees<br/>to include in any such work a brief summary of the changes<br/>made to Python.<br/>4. PSF is making Python available to Licensee on an "AS IS"<br/>basis.<br/>PSF MAKES NO REPRESENTATIONS OR WARRANTIES,<br/>EXPRESS<br/>OR IMPLIED. BY WAY OF EXAMPLE, BUT NOT<br/>LIMITATION,</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>PSF MAKES NO AND DISCLAIMS ANY REPRESENTATION OR WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE OR THAT THE USE OF PYTHON WILL NOT INFRINGE ANY THIRD PARTY RIGHTS.</p> <p>5. PSF SHALL NOT BE LIABLE TO LICENSEE OR ANY OTHER USERS OF PYTHON FOR ANY INCIDENTAL, SPECIAL, OR CONSEQUENTIAL DAMAGES OR LOSS AS A RESULT OF MODIFYING, DISTRIBUTING, OR OTHERWISE USING PYTHON, OR ANY DERIVATIVE THEREOF, EVEN IF ADVISED OF THE POSSIBILITY THEREOF.</p> <p>6. This License Agreement will automatically terminate upon a material breach of its terms and conditions.</p> <p>7. Nothing in this License Agreement shall be deemed to create any relationship of agency, partnership, or joint venture between PSF and Licensee. This License Agreement does not grant permission to use PSF trademarks or trade name in a trademark sense to endorse or promote products or services of Licensee, or any third party.</p> <p>8. By copying, installing or otherwise using Python, Licensee agrees to be bound by the terms and conditions of this License Agreement.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider        | Component (s)   | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-----------------|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Benoît Chesneau | gunicorn 20.1.0 | <p>NOTICE<br/>Gunicorn<br/>2009-2018 (c) Benoît Chesneau<br/>2009-2015 (c) Paul J. Davis<br/>Gunicorn is released under the MIT license. See the LICENSE file for the complete license.<br/>gunicorn.logging_config<br/>-----</p> <p>Copyright 2001-2005 by Vinay Sajip. All Rights Reserved.<br/>Permission to use, copy, modify, and distribute this software and its documentation for any purpose and without fee is hereby granted, provided that the above copyright notice appear in all copies and that both that copyright notice and this permission notice appear in supporting documentation, and that the name of Vinay Sajip not be used in advertising or publicity pertaining to distribution of the software without specific, written prior permission.<br/>VINAY SAJIP DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE, INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL VINAY SAJIP BE LIABLE FOR ANY SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.<br/>gunicorn.debug<br/>-----</p> <p>Based on eventlet.debug module under MIT license:<br/>Unless otherwise noted, the files in Eventlet are under the following MIT license:<br/>Copyright (c) 2005-2006, Bob Ippolito<br/>Copyright (c) 2007-2010, Linden Research, Inc.<br/>Copyright (c) 2008-2010, Eventlet Contributors (see Eventlet AUTHORS)</p> <p>See <a href="#">Appendix G</a></p> <p>gunicorn.reloaders<br/>-----</p> <p>Based on greyns.reloaders module under MIT license:<br/>2010 (c) Meebo, Inc.</p> <p>MIT License See <a href="#">Appendix G</a></p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>doc/sitemap_gen.py<br/>-----<br/>Under BSD License :<br/>Copyright (c) 2004, 2005, Google Inc.<br/>All rights reserved.</p> <p>See <a href="#">Appendix M</a></p> <p>util/unlink.py<br/>-----<br/>backport frop python3 Lib/test/support.py<br/>LICENSE<br/>2009-2018 (c) Benoît Chesneau<br/>2009-2015 (c) Paul J. Davis</p> <p>See <a href="#">Appendix G</a></p> <p>setuptools 41.2.0<br/>Could not find SSL_CERTIFICATE env variable<br/>Could not find SSL_KEY env variable<br/>Copyright (C) 2016 Jason R Coombs</p> <p>See <a href="#">Appendix G</a></p> <p>-----<br/>setproctitle 1.1.10<br/>Copyright (c) 2009-2016, Daniele Varrazzo All<br/>rights reserved.</p> <p>See <a href="#">Appendix M</a></p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| hapijs   | hapi 20.3.2   | <p>Copyright (c) 2011-2020, Sideway Inc, and project contributors Copyright (c) 2011-2014, Walmart Copyright (c) 2011, Yahoo Inc. All rights reserved.</p> <p>See <a href="#">Appendix M</a></p> <p style="text-align: center;">*</p> <p>* * The complete list of contributors can be found at:<br/> <a href="https://github.com/hapijs/hapi/graphs/contributors">https://github.com/hapijs/hapi/graphs/contributors</a> Portions of this project were initially based on the Yahoo! Inc. Postmile project, published at <a href="https://github.com/yahoo/postmile">https://github.com/yahoo/postmile</a>. ===== Below are 4th party dependencies ===== ++++++</p> <p>+++++ wreck,<br/> v17.0.0, BSD-style license Copyright (c) 2012-2017, Project contributors<br/> Copyright (c) 2012-2014, Walmart All rights reserved.</p> <p>See <a href="#">Appendix M</a></p> <p>+++++ topo,<br/> v5.0.0, BSD-style license Copyright (c) 2014-2016, Project contributors Copyright (c) 2014, Walmart<br/> All rights reserved.</p> <p>See <a href="#">Appendix M</a></p> <p>+++++ teamwork,<br/> v4.0.0, BSD-style license<br/> Copyright (c) 2015-2017, Eran Hammer and Project contributors All rights reserved.</p> <p>See <a href="#">Appendix M</a></p> <p>+++++ subtext,<br/> v7.0.3, BSD-style license<br/> statehood, v7.0.2, BSD-style license shot,<br/> v5.0.0, BSD-Style license mimos,<br/> v5.0.0, BSD-Style license call, v8.0.0, BSD-style license ammo, v5.0.1, BSD-style license<br/> Copyright (c) 2014-2017, Project contributors<br/> Copyright (c) 2014, Walmart<br/> All rights reserved.</p> <p>See <a href="#">Appendix M</a></p> <p>+++++ podium,<br/> v4.0.0, BSD-style license<br/> Copyright (c) 2016-2017, Project contributors All rights reserved.</p> <p>See <a href="#">Appendix M</a></p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>+++++ joi,<br/>v17.0.0, BSD-style license Copyright (c)<br/>2014-2018, Project contributors Copyright (c)<br/>2014, Walmart<br/>All rights reserved.</p> <p>See <a href="#">Appendix M</a></p> <p>+++++ hoek,<br/>v9.0.0, BSD-style license Copyright (c) 2011-2017,<br/>Project contributors Copyright (c) 2011-2014,<br/>Walmart Copyright (c) 2011, Yahoo Inc. All<br/>rights reserved.</p> <p>See <a href="#">Appendix M</a></p> <p>+++++ heavy,<br/>v7.0.0, BSD-style license Copyright (c) 2013-2017,<br/>Project contributors Copyright (c) 2013-2014,<br/>Walmart All rights reserved.</p> <p>See <a href="#">Appendix M</a></p> <p>+++++ catbox-<br/>memory, v5.0.0, BSD-style<br/>license catbox, v1.1.0, BSD-style license<br/>Copyright (c) 2012-2018, Project contributors<br/>Copyright (c) 2012-2014,<br/>Walmart All rights reserved.</p> <p>See <a href="#">Appendix M</a></p> <p>+++++ bounce,<br/>v2.0.0, BSD-style license Copyright (c) 2017,<br/>Project contributors. All rights reserved.</p> <p>See <a href="#">Appendix M</a></p> <p>+++++ boom, v9.0.0,<br/>BSD-style license Copyright (c) 2012-2017, Project<br/>contributors. Copyright (c) 2012-2014,<br/>Walmart. All rights reserved.</p> <p>See <a href="#">Appendix M</a></p> <p>+++++ accept,<br/>v5.0.1, BSD-style license Copyright (c) 2014-2017,<br/>Project contributors. Copyright (c) 2015-2016, Mark<br/>Bradshaw Copyright (c) 2014, Walmart. All<br/>rights reserved.</p> <p>See <a href="#">Appendix M</a></p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider      | Component (s)  | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|---------------|----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Willy Tarreau | HAproxy 2.3.10 | <p>HAPROXY's license - 2006/06/15 Historically, haproxy has been covered by GPL version 2. However, an issue appeared in GPL which will prevent external non-GPL code from being built using the headers provided with haproxy. My long-term goal is to build a core system able to load external modules to support specific application protocols. Since some protocols are found in rare environments (finance, industry, ...), some of them might be accessible only after signing an NDA. Enforcing GPL on such modules would only prevent them from ever being implemented, while not providing anything useful to ordinary users. For this reason, I *want* to be able to support binary only external modules when needed, with a GPL core and GPL modules for standard protocols, so that people fixing bugs don't keep them secretly to try to stay over competition. The solution was then to apply the LGPL license to the exportable include files, while keeping the GPL for all the rest. This way, it still is mandatory to redistribute modified code under customer request, but at the same time, it is expressly permitted to write, compile, link and load non-GPL code using the LGPL header files and not to distribute them if it causes a legal problem. Of course, users are strongly encouraged to continue the work under GPL as long as possible, since this license has allowed useful enhancements, contributions and fixes from talented people around the world. Due to the incompatibility between the GPL and the OpenSSL licence, you must apply the GPL/LGPL licence with the following exception: This program is released under the GPL with the additional exemption that compiling, linking, and/or using OpenSSL is allowed. The text of the licenses lies in the "doc" directory. All the files provided in this package are covered by the GPL unless expressly stated otherwise in them. Every patch or contribution provided by external people will by default comply with the license of the files it affects, or be rejected. Willy Tarreau - w@1wt.eu . . .</p> <p>----- (separator) -----</p> <p>GNU General Public License, Version 2 (GPL v2) - See <a href="#">Appendix A</a></p> <p>----- (separator) -----</p> <p>GNU General Public License, Version 2 (GPL-2.1) - See <a href="#">Appendix B</a></p> <p>-----</p> <p>(separator)----- . . .</p> <p>----- Copyright notices</p> <p>----- Copyright 2000-2010 Willy Tarreau</p> <p>Copyright (C) 2019 HAProxy Technologies, Christopher Faulet Copyright 2019 HAProxy Technologies, Frédéric Lécaillon Copyright 2012 Exceliance, David Du Colombier Copyright 2018 Joyent, Inc. Copyright 2014 Baptiste Assmann Copyright (C) 2020 HAProxy Technologies, William Lallemand Copyright 2020 HAProxy Technologies, Emeric Brun Copyright 2009-2010 Krzysztof Piotr Oledzki Copyright 2019 HAProxy Technologies, Olivier Houchard Copyright (C) 2009-2015, Linus Torvalds and others. Copyright 2021 Tim Duesterhus Copyright (c) 2018-2020 Cesanta Software Limited Copyright 2015 Horms Solutions Ltd, Simon Horman</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider               | Component (s)                                 | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|------------------------|-----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                        |                                               | Copyright 2020 Gaetan Rivet Copyright 2015-2016 Thierry Fournier Copyright (C) 2011-2012 EXCELIANCE Copyright (C) 2017 Christopher Fauet - cfaulet@haproxy.com Copyright (C) 2015 Thierry FOURNIER Copyright 2019 Frédéric Lécaille Copyright (C) 2014 Tamas Kovacs, Sarkozi Laszlo, Krisztian Kovacs Copyright (C) 2012-2020 Yann Collet Copyright (C) 2017 HAProxy Technologies Copyright 1998 Gerald Combs Copyright 2020 HAProxy Technologies, Daniel Corbett                                                                                                                                                                                                                                                                           |
| Hazelcast              | Hazelcast Discovery Plugin for Kubernetes 2.1 | <p>APACHE 2.0 - See <a href="#">Appendix E</a></p> <p>Copyright (c) 2008-2018, Hazelcast, Inc. All Rights Reserved.</p> <p>Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License.</p> <p>You may obtain a copy of the License at <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.</p> |
| The Kubernetes Authors | helm 3.1.2                                    | <p>APACHE 2.0 - See <a href="#">Appendix E</a></p> <p>Copyright 2016 The Kubernetes Authors All Rights Reserved</p> <p>Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a> Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.</p>                   |
| Zaxxer.com             | HikariCP 5.1.0                                | <p>Copyright (C) 2013, 2014 Brett Wooldridge APACHE 2.0 - See <a href="#">Appendix E</a></p> <p>Below 4th party dependency -----</p> <p>SLF4j 1.7.25,<br/>MIT License See <a href="#">Appendix G</a></p> <p>SLF4J source code and binaries are distributed under the MIT license.</p> <p>Copyright (c) 2004-2013 QOS.ch All rights reserved.<br/>MIT - See <a href="#">Appendix G</a></p>                                                                                                                                                                                                                                                                                                                                                   |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider   | Component (s)  | Licensing Information                                                                                                                                                                                                                                                                                                                                     |
|------------|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Zaxxer.com | HikariCP 5.0.1 | <p>Copyright (C) 2013, 2019 Brett Wooldridge APACHE 2.0 - See <a href="#">Appendix E</a></p> <p>Below 4th party dependency -----</p> <p>SLF4j 1.7.25, MIT license</p> <p>SLF4J source code and binaries are distributed under the MIT license.</p> <p>Copyright (c) 2004-2019 QOS.ch All rights reserved.</p> <p>MIT - See <a href="#">Appendix G</a></p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider                       | Component (s)         | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|--------------------------------|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| The Apache Software Foundation | HttpAsyncClient 4.1.4 | <p>Apache Httpasyncclient 4.1.4 Apache HttpComponents AsyncClient Copyright 2010-2017 The Apache Software Foundation This product includes software developed at The Apache Software Foundation (<a href="http://www.apache.org/">http://www.apache.org/</a>). LICENSE: Apache 2.0</p> <p>APACHE 2.0 - See <a href="#">Appendix E</a></p> <p>4P Dependencies: ===== This project contains annotations derived from<br/>JCIP-ANNOTATIONS NOTICE FILE: Copyright (c) 2005, Brian Goetz and Tim Peierls</p> <p>See <a href="#">Appendix M</a></p> <p>POM FILE: commons-logging 1.2 Apache Commons Logging Copyright 2003-2016 The Apache Software Foundation This product includes software developed at The Apache Software Foundation (<a href="http://www.apache.org/">http://www.apache.org/</a>). --- org.apache.httpcomponents » httpcore 4.4.10 Apache HttpComponents Core Copyright 2005-2018 The Apache Software Foundation This product includes software developed at The Apache Software Foundation (<a href="http://www.apache.org/">http://www.apache.org/</a>). --- org.apache.httpcomponents » httpcore-nio 4.4.10 Apache HttpComponents Core Copyright 2005-2018 The Apache Software Foundation This product includes software developed at The Apache Software Foundation (<a href="http://www.apache.org/">http://www.apache.org/</a>). --- org.apache.httpcomponents » httpclient 4.5.6 Apache HttpComponents Client Copyright 1999-2018 The Apache Software Foundation This product includes software developed at The Apache Software Foundation (<a href="http://www.apache.org/">http://www.apache.org/</a>). --- commons-codec 1.1.0 Apache Commons Codec Copyright 2002-2014 The Apache Software Foundation This product includes software developed at The Apache Software Foundation (<a href="http://www.apache.org/">http://www.apache.org/</a>).<br/>src/test/org/apache/commons/codec/language/DoubleMetaphoneTest.java contains test data from <a href="http://aspell.net/test/orig/batch0.tab">http://aspell.net/test/orig/batch0.tab</a>. Copyright (C) 2002 Kevin Atkinson (kevina@gnu.org)</p> <p>=====</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s)    | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |                  | <p>===== The<br/> content of package<br/> org.apache.commons.codec.language.bm has been<br/> translated from the<br/> original php source code available at http://<br/> stevemorse.org/phoneticinfo.htm with<br/> permission from the original authors.<br/> Original source copyright: Copyright (c)<br/> 2008 Alexander Beider &amp; Stephen P. Morse.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Apache   | HttpClient 4.5.7 | <p>Apache httpclient 4.5.7<br/> Copyright 1999-2019 The Apache Software Foundation<br/> APACHE 2.0 - See <a href="#">Appendix E</a></p> <p>-----</p> <p>This project includes Public Suffix List copied from &lt;https://<br/> publicsuffix.org/list/effective_tld_names.dat&gt; licensed under<br/> the terms of the Mozilla Public License, v. 2.0 MPL 2.0 - See<br/> <a href="#">Appendix S</a></p> <p>-----</p> <p>4<sup>th</sup> -party Dependencies:<br/> commons-codec » commons-codec 1.11<br/> COPYRIGHT: Copyright 2002-2014 The Apache Software<br/> Foundation LICENSE: Apache 2.0 https://github.com/<br/> apache/commons-codec/blob/1.10/LICENSE.txt<br/> commons-logging » commons-logging 1.2<br/> COPYRIGHT: Copyright 2003-2014 The Apache Software<br/> Foundation LICENSE: Apache 2.0 https://github.com/<br/> apache/commons-logging/blob/LOGGING_1_2/LICENSE.txt<br/> org.apache.httpcomponents » httpcore 4.4.11<br/> COPYRIGHT: Copyright 2005-2019 The Apache Software<br/> Foundation LICENSE: Apache 2.0 https://github.com/<br/> apache/httpcomponents-core/blob/4.4.11/LICENSE.txt<br/> commons-codec » commons-codec 1.11<br/> COPYRIGHT: Copyright 2002-2014 The Apache Software<br/> Foundation<br/> LICENSE: Apache 2.0 https://github.com/apache/commons-<br/> codec/blob/commons-codec-1.11/LICENSE.txt</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s)     | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Apache   | HttpClient 4.5.10 | <p>Apache HttpComponents HttpClient 4.5.8<br/>Copyright 1999-2019 The Apache Software Foundation<br/>APACHE 2.0 - See <a href="#">Appendix E</a></p> <p>-----</p> <p>Modules:<br/>*****</p> <p>httpclient<br/>httpmime<br/>fluent-hc<br/>httpclient-cache<br/>httpclient-win<br/>httpclient-osgi</p> <p>-----</p> <p>4<sup>th</sup> -party Dependencies:<br/>commons-codec » commons-codec 1.11, commons-codec-1.12.jar<br/>COPYRIGHT: Copyright 2002-2017 The Apache Software Foundation<br/>LICENSE: Apache 2.0 <a href="https://github.com/apache/commons-codec/blob/commons-codec-1.11/LICENSE.txt">https://github.com/apache/commons-codec/blob/commons-codec-1.11/LICENSE.txt</a><br/>commons-logging » commons-logging 1.2<br/>COPYRIGHT: Copyright 2003-2014 The Apache Software Foundation<br/>LICENSE: Apache 2.0 <a href="https://github.com/apache/commons-logging/blob/LOGGING_1_2/LICENSE.txt">https://github.com/apache/commons-logging/blob/LOGGING_1_2/LICENSE.txt</a><br/>org.apache.httpcomponents » httpcore 4.4.11<br/>COPYRIGHT: Copyright 2005-2019 The Apache Software Foundation<br/>LICENSE: Apache 2.0 <a href="https://github.com/apache/httpcomponents-core/blob/4.4.11/LICENSE.txt">https://github.com/apache/httpcomponents-core/blob/4.4.11/LICENSE.txt</a><br/>commons-lang3-3.9.jar<br/>Copyright © 2019 The Apache Software Foundation,<br/>Licensed under the Apache License, Version 2.0.<br/>LICENSE: Apache 2.0 <a href="https://github.com/apache/commons-logging/blob/LOGGING_1_2/LICENSE.txt">https://github.com/apache/commons-logging/blob/LOGGING_1_2/LICENSE.txt</a><br/>This project includes Public Suffix List copied from &lt;<a href="https://publicsuffix.org/list/effective_tld_names.dat">https://publicsuffix.org/list/effective_tld_names.dat</a>&gt; licensed under the terms of the Mozilla Public License, v. 2.0 MPL 2.0 - See <a href="#">Appendix S</a><br/>This Source Code Form is "Incompatible With Secondary Licenses", as defined by the Mozilla Public License, v. 2.0.<br/>=====</p> <p>Fourth Party Dependency Name : ehcache-core<br/>Fourth Party Dependency License : Apache 2.0<br/>Fourth Party Dependency Copyright : Copyright Ehcache V3<br/>Copyright 2014-2016 Terracotta, Inc.<br/>The product includes software from the Apache Commons Lang project, under the Apache License 2.0 (see: <a href="http://org.ehcache.impl.internal.classes.commonslang">org.ehcache.impl.internal.classes.commonslang</a>)</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>=====</p> <p>==</p> <p>Fourth Party Dependency Name : slf4j-jcl<br/> Fourth Party Dependency License : MIT<br/> Fourth Party Dependency Copyright : Copyright<br/> Copyright (c) 2004-2017 QOS.ch<br/> All rights reserved.<br/> MIT - See <a href="#">Appendix G</a></p> <p>Fourth Party Dependency Name : spymemcached<br/> Fourth Party Dependency License : MIT<br/> Fourth Party Dependency Copyright : Copyright<br/> Copyright (c) 2006-2009 Dustin Sallings<br/> Copyright (c) 2009-2011 Couchbase, Inc.</p> <p>=====</p> <p>Fourth Party Dependency Name : jna<br/> Fourth Party Dependency License : Apache 2.0<br/> Fourth Party Dependency Copyright : Copyright<br/> Copyright (C) 1991, 1999 Free Software Foundation, Inc.<br/> 59 Temple Place, Suite 330, Boston, MA 02111-1307 USA<br/> Licensed under the Apache License, Version 2.0 (the<br/> "License"); you may not use this file except in compliance<br/> with the License.<br/> You may obtain a copy of the License at<br/> <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a><br/> Unless required by applicable law or agreed to in writing,<br/> software distributed under the License is distributed on an<br/> "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS<br/> OF ANY KIND, either express or implied.<br/> See the License for the specific language governing<br/> permissions and limitations under the License.</p> <p>=====</p> <p>Fourth Party Dependency Name : docbook-xml<br/> Fourth Party Dependency License : Apache 2.0<br/> Fourth Party Dependency Copyright : Copyright<br/> Copyright 2015 the original author or authors.<br/> Licensed under the Apache License, Version 2.0 (the<br/> "License"); you may not use this file except in compliance<br/> with the License.<br/> You may obtain a copy of the License at<br/> <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a><br/> Unless required by applicable law or agreed to in writing,<br/> software distributed under the License is distributed on an<br/> "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS<br/> OF ANY KIND, either express or implied.<br/> See the License for the specific language governing<br/> permissions and limitations under the License.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s)     | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Apache   | HttpClient 4.5.12 | <p>Apache HttpComponents HttpClient 4.5.10<br/>Copyright 1999-2019 The Apache Software Foundation<br/>APACHE 2.0 - See <a href="#">Appendix E</a></p> <p>-----</p> <p>Modules: *****<br/> httpclient<br/> httpmime<br/> fluent-hc<br/> httpclient-cache<br/> httpclient-win<br/> httpclient-osgi</p> <p>-----</p> <p>4P Dependencies:<br/> commons-codec » commons-codec 1.11, commons-codec-1.12.jar<br/> COPYRIGHT: Copyright 2002-2017 The Apache Software Foundation LICENSE: Apache 2.0 <a href="https://github.com/apache/commons-codec/blob/commons-codec-1.11/LICENSE.txt">https://github.com/apache/commons-codec/blob/commons-codec-1.11/LICENSE.txt</a><br/> commons-logging » commons-logging 1.2<br/> COPYRIGHT: Copyright 2003-2014 The Apache Software Foundation LICENSE: Apache 2.0 <a href="https://github.com/apache/commons-logging/blob/LOGGING_1_2/LICENSE.txt">https://github.com/apache/commons-logging/blob/LOGGING_1_2/LICENSE.txt</a><br/> org.apache.httpcomponents » httpcore 4.4.11<br/> COPYRIGHT: Copyright 2005-2019 The Apache Software Foundation LICENSE: Apache 2.0 <a href="https://github.com/apache/httpcomponents-core/blob/4.4.11/LICENSE.txt">https://github.com/apache/httpcomponents-core/blob/4.4.11/LICENSE.txt</a><br/> commons-lang3-3.9.jar<br/> Copyright © 2019 The Apache Software Foundation, Licensed under the Apache License, Version 2.0.<br/> LICENSE: Apache 2.0 <a href="https://github.com/apache/commons-logging/blob/LOGGING_1_2/LICENSE.txt">https://github.com/apache/commons-logging/blob/LOGGING_1_2/LICENSE.txt</a><br/> This project includes Public Suffix List copied from &lt;<a href="https://publicsuffix.org/list/effective_tld_names.dat">https://publicsuffix.org/list/effective_tld_names.dat</a>&gt; licensed under the terms of the Mozilla Public License, v. 2.0 MPL 2.0 - See <a href="#">Appendix S</a><br/> This Source Code Form is "Incompatible With Secondary Licenses", as defined by the Mozilla Public License, v. 2.0.</p> <p>=====</p> <p>Fourth Party Dependency Name : ehcache-core<br/> Fourth Party Dependency License : Apache 2.0<br/> Fourth Party Dependency Copyright : Copyright Ehcache V3<br/> Copyright 2014-2016 Terracotta, Inc.<br/> The product includes software from the Apache Commons Lang project, under the Apache License 2.0 (see: <a href="https://org.ehcache.impl.internal.classes.commonslang">org.ehcache.impl.internal.classes.commonslang</a>)</p> <p>=====</p> <p>==</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Fourth Party Dependency Name : slf4j-jcl<br/> Fourth Party Dependency License : MIT<br/> Fourth Party Dependency Copyright : Copyright<br/> Copyright (c) 2004-2017 QOS.ch<br/> All rights reserved.<br/> MIT - See <a href="#">Appendix G</a></p> <p>Fourth Party Dependency Name : spymemcached<br/> Fourth Party Dependency License : MIT<br/> Fourth Party Dependency Copyright : Copyright<br/> Copyright (c) 2006-2009 Dustin Sallings<br/> Copyright (c) 2009-2011 Couchbase, Inc.<br/> =====</p> <p>Fourth Party Dependency Name : jna<br/> Fourth Party Dependency License : Apache 2.0<br/> Fourth Party Dependency Copyright : Copyright<br/> Copyright (C) 1991, 1999 Free Software Foundation, Inc.<br/> 59 Temple Place, Suite 330, Boston, MA 02111-1307 USA<br/> Licensed under the Apache License, Version 2.0 (the<br/> "License"); you may not use this file except in compliance<br/> with the License.<br/> You may obtain a copy of the License at<br/> <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a><br/> Unless required by applicable law or agreed to in writing,<br/> software distributed under the License is distributed on an<br/> "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS<br/> OF ANY KIND, either express or implied.<br/> See the License for the specific language governing<br/> permissions and limitations under the License.<br/> =====</p> <p>Fourth Party Dependency Name : docbook-xml<br/> Fourth Party Dependency License : Apache 2.0<br/> Fourth Party Dependency Copyright : Copyright<br/> Copyright 2015 the original author or authors.<br/> Licensed under the Apache License, Version 2.0 (the<br/> "License"); you may not use this file except in compliance<br/> with the License.<br/> You may obtain a copy of the License at <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a><br/> Unless required by applicable law or agreed to in writing,<br/> software distributed under the License is distributed on an<br/> "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS<br/> OF ANY KIND, either express or implied. See the License for<br/> the specific language governing permissions and limitations<br/> under the License.<br/> =====</p> <p>Fourth Party Dependency Name : docbook-xml<br/> Fourth Party Dependency License : Apache 2.0</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Fourth Party Dependency Copyright : Copyright Copyright 2015 the original author or authors.</p> <p>Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License.</p> <p>You may obtain a copy of the License at <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider                       | Component (s)                    | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|--------------------------------|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| The Apache Software Foundation | HttpComponents HttpClient 4.5.13 | <p>Apache HttpComponents Client</p> <p>Copyright 1999-2020</p> <p>The Apache Software Foundation This product includes software developed at The Apache Software Foundation (<a href="http://www.apache.org/">http://www.apache.org/</a>). - See <a href="#">Appendix E</a></p> <p>-----</p> <p>This project includes Public Suffix List copied from &lt;<a href="https://publicsuffix.org/list/effective_tld_names.dat">https://publicsuffix.org/list/effective_tld_names.dat</a>&gt; licensed under the terms of the Mozilla Public License, v. 2.0 - See <a href="#">Mozilla Public License (MPL), Version 2.0</a></p> <p>-----4th party</p> <p>dependencies-----</p> <p>Apache HttpComponents Core</p> <p>From the Notice File:</p> <p>Apache HttpComponents Core</p> <p>Copyright 2005-2020 The Apache Software Foundation</p> <p>This product includes software developed at The Apache Software Foundation (<a href="http://www.apache.org/">http://www.apache.org/</a>). - See <a href="#">Appendix E</a>.</p> <p>Apache Commons Logging</p> <p>From the Notice File:</p> <p>Apache Commons Logging</p> <p>Copyright 2003-2014 The Apache Software Foundation</p> <p>This product includes software developed at The Apache Software Foundation (<a href="http://www.apache.org/">http://www.apache.org/</a>). - See <a href="#">Appendix E</a>.</p> <p>Apache Commons Codec</p> <p>From the Notice File:</p> <p>Apache Commons Codec</p> <p>Copyright 2002-2017 The Apache Software Foundation</p> <p>This product includes software developed at The Apache Software Foundation (<a href="http://www.apache.org/">http://www.apache.org/</a>). - See <a href="#">Appendix E</a>.</p> <p>src/test/org/apache/commons/codec/language/<br/>DoubleMetaphoneTest.java contains test data from <a href="http://aspell.net/test/orig/batch0.tab">http://aspell.net/test/orig/batch0.tab</a>.</p> <p>Copyright (C) 2002 Kevin Atkinson (kevina@gnu.org)</p> <p>=====</p> <p>=====</p> <p>The content of package<br/>org.apache.commons.codec.language.bm has been</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider                       | Component (s)                      | Licensing Information                                                                                                                                                                                                                                                                                                                                        |
|--------------------------------|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                |                                    | <p>translated from the original php source code available at <a href="http://stevemorse.org/phoneticinfo.htm">http://stevemorse.org/phoneticinfo.htm</a> with permission from the original authors.</p> <p>Original source copyright:</p> <p>Copyright (c) 2008 Alexander Beider &amp; Stephen P. Morse.</p> <p>License File: Apache License Version 2.0</p> |
| Apache                         | HttpCore 4.4.13<br>HttpCore 4.4.14 | <p>Apache HttpComponents Core</p> <p>Copyright 2005-2018 The Apache Software Foundation</p> <p>This product includes software developed at The Apache Software Foundation (<a href="http://www.apache.org/">http://www.apache.org/</a>).</p> <p>APACHE 2.0 - See <a href="#">Appendix E</a></p>                                                              |
| The Apache Software Foundation | Commons Codec 1.16.0               | <p>APACHE 2.0 - See <a href="#">Appendix E</a></p>                                                                                                                                                                                                                                                                                                           |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider       | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Encode OSS Ltd | htpx 0.24.0   | <p>htpx 0.18.2 Copyright © 2019, Encode OSS Ltd. All rights reserved.<br/> See <a href="#">Appendix M</a></p> <p>----- 4TH PARTY DEPENDENCIES ----- certifi<br/> 2021.5.30 This package contains a modified version of ca-bundle.crt: ca-bundle.crt -- Bundle of CA Root Certificates<br/> Certificate data from Mozilla as of: Thu Nov 3 19:04:19 2011# This is a bundle of X.509 certificates of public Certificate Authorities (CA). These were automatically extracted from Mozilla's root certificates file (certdata.txt). This file can be found in the mozilla source tree: http://mxr.mozilla.org/mozilla/source/security/nss/lib/ckfw/builtins/certdata.txt?raw=1# It contains the certificates in PEM format and therefore can be directly used with curl / libcurl / php_curl, or with an Apache+mod_ssl webserver for SSL client authentication. Just configure this file as the SSLCACertificateFile.# ***** BEGIN LICENSE BLOCK *****<br/> This Source Code Form is subject to the terms of the Mozilla Public License, v. 2.0. If a copy of the MPL was not distributed with this file, You can obtain one at http://mozilla.org/MPL/2.0/.</p> <p>*****<br/> *****<br/> *****</p> <p>Mozilla Public License Version 2.0 - See <a href="#">Appendix S</a></p> <p>*****<br/> *****<br/> ***** END LICENSE BLOCK *****</p> <p>@(#) \$RCSfile: certdata.txt,v \$ \$Revision: 1.80 \$ \$Date: 2011/11/03 15:11:58 \$</p> <p>-----</p> <p>----- httpcore 0.13.6 Copyright © 2020, Encode OSS Ltd. All rights reserved.<br/> See <a href="#">Appendix M</a></p> <p>-----</p> <p>----- sniffio 1.2.0 async_generator 1.10 NOTE:-<br/> "async_generator is used for python_version &lt; '3.7'" but we use python 3.9.2 This software is made available under the terms of *either* of the licenses found in LICENSE.APACHE2 or LICENSE.MIT. Contributions to are made under the terms of *both* these licenses.</p> <p>-----</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider     | Component (s)                            | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|--------------|------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Stefan Majer | influxdb-java 2.23<br>influxdb-java 2.24 | <p>org.influxdb:influxdb-java</p> <p>MIT License See <a href="#">Appendix G</a></p> <p>The Apache Software Foundation (<a href="http://www.apache.org/">http://www.apache.org/</a>).</p> <p>APACHE 2.0 - See <a href="#">Appendix E</a></p> <p>-----</p> <p>Dependencies:</p> <p>com.squareup.retrofit2:retrofit : Apache License : License[1]<br/> com.squareup.retrofit2:converter-moshi : Apache License : License[1]<br/> org.msgpack:msgpack-core : Apache License : License[1]<br/> com.squareup.moshi:moshi : Apache License : License[1]<br/> com.squareup.okhttp3:okhttp : Apache License : License[1]<br/> com.squareup.okio:okio : Apache License : License[1]<br/> org.jetbrains.kotlin:kotlin-stdlib-common : Apache License : License[1]<br/> org.jetbrains.kotlin:kotlin-stdlib: Apache License : License[1]<br/> org.jetbrains:annotations : Apache License : License[1]<br/> com.squareup.okhttp3:logging-interceptor : Apache License : License[1]<br/> org.jetbrains.kotlin:kotlin-stdlib-jdk8 : Apache License : License[1]<br/> org.jetbrains.kotlin:kotlin-stdlib-jdk7 : Apache License : License[1]</p> <p>-----</p> <p>com.squareup.retrofit2:retrofit COPYRIGHT</p> <p>Copyright 2022 Square, Inc.</p> <p>Licensed under the Apache License, Version 2.0 (the "License");<br/> you may not use this file except in compliance with the License.<br/> You may obtain a copy of the License at</p> <p><a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Unless required by applicable law or agreed to in writing, software<br/> distributed under the License is distributed on an "AS IS" BASIS,<br/> WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND,</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>either express or implied.<br/>See the License for the specific language governing permissions and limitations under the License.</p> <p>-----</p> <p>com.squareup.retrofit2:converter-moshi COPYRIGHT</p> <p>Copyright 2022 Square, Inc.</p> <p>Licensed under the Apache License, Version 2.0 (the "License");<br/>you may not use this file except in compliance with the License.<br/>You may obtain a copy of the License at</p> <p><a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.<br/>See the License for the specific language governing permissions and limitations under the License.</p> <p>-----</p> <p>com.squareup.moshi:moshi COPYRIGHT</p> <p>Copyright 2022 Square, Inc.</p> <p>Licensed under the Apache License, Version 2.0 (the "License");<br/>you may not use this file except in compliance with the License.<br/>You may obtain a copy of the License at</p> <p><a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.<br/>See the License for the specific language governing permissions and limitations under the License.</p> <p>-----</p> <p>com.squareup.okhttp3:okhttp COPYRIGHT</p> <p>Copyright 2022 Square, Inc.</p> <p>Licensed under the Apache License, Version 2.0</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>(the "License");<br/>you may not use this file except in compliance<br/>with the License.<br/>You may obtain a copy of the License at</p> <p><a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Unless required by applicable law or agreed to in<br/>writing, software<br/>distributed under the License is distributed on an<br/>"AS IS" BASIS,<br/>WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND,<br/>either express or implied.<br/>See the License for the specific language<br/>governing permissions and<br/>limitations under the License.</p> <p>-----</p> <p>com.squareup.okio:okio:jar COPYRIGHT<br/>Copyright 2022 Square, Inc.</p> <p>Licensed under the Apache License, Version 2.0<br/>(the "License");<br/>you may not use this file except in compliance<br/>with the License.<br/>You may obtain a copy of the License at</p> <p><a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Unless required by applicable law or agreed to in<br/>writing, software<br/>distributed under the License is distributed on an<br/>"AS IS" BASIS,<br/>WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND,<br/>either express or implied.<br/>See the License for the specific language<br/>governing permissions and<br/>limitations under the License.</p> <p>-----</p> <p>org.jetbrains.kotlin:kotlin-stdlib-common COPYRIGHT<br/>/*<br/>* Copyright 2010-2022 JetBrains s.r.o. and Kotlin<br/>Programming Language contributors.<br/>*<br/>* Licensed under the Apache License, Version 2.0<br/>(the "License");<br/>* you may not use this file except in compliance<br/>with the License.<br/>* You may obtain a copy of the License at<br/>*<br/>* <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a><br/>*<br/>* Unless required by applicable law or agreed to<br/>in writing, software</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>* distributed under the License is distributed on an "AS IS" BASIS,<br/> * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.<br/> * See the License for the specific language governing permissions and<br/> * limitations under the License.<br/> */</p> <p>=====</p> <p>== NOTICE file corresponding to the section 4 d of ==<br/> == the Apache License, Version 2.0, ==<br/> == in this case for the Kotlin Compiler distribution. ==</p> <p>=====</p> <p>Kotlin Compiler<br/> Copyright 2010-2020 JetBrains s.r.o and respective authors and developers</p> <p>-----</p> <p>org.msgpack:msgpack-core COPYRIGHT</p> <p>Copyright © 2008-2022 Sadayuki Furuhashi<br/> Licensed under the Apache License, Version 2.0 (the "License");<br/> you may not use this file except in compliance with the License.<br/> You may obtain a copy of the License at</p> <p><a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Unless required by applicable law or agreed to in writing, software<br/> distributed under the License is distributed on an "AS IS" BASIS,<br/> WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.<br/> See the License for the specific language governing permissions and<br/> limitations under the License.</p> <p>This product includes the software developed by third-party:</p> <p>* Google Guava <a href="https://code.google.com/p/guava-libraries/">https://code.google.com/p/guava-libraries/</a> (APL2)<br/> * sbt-extras: <a href="https://github.com/paulp/sbt-extras">https://github.com/paulp/sbt-extras</a> (BSD) (LICENSE.sbt-extras.txt)</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <pre> ----- org.jetbrains.kotlin:kotlin-stdlib COPYRIGHT /*  * Copyright 2010-2022 JetBrains s.r.o. and Kotlin Programming Language contributors.  *  * Licensed under the Apache License, Version 2.0 (the "License");  * you may not use this file except in compliance with the License.  * You may obtain a copy of the License at  *  * http://www.apache.org/licenses/LICENSE-2.0  *  * Unless required by applicable law or agreed to in writing, software  * distributed under the License is distributed on an "AS IS" BASIS,  * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.  * See the License for the specific language governing permissions and  * limitations under the License.  */  ===== == NOTICE file corresponding to the section 4 d of == == the Apache License, Version 2.0, == == in this case for the Kotlin Compiler distribution. ==  ===== =====  Kotlin Compiler Copyright 2010-2020 JetBrains s.r.o and respective authors and developers  ----- org.jetbrains:annotations COPYRIGHT /*  * Copyright 2000-2021 JetBrains s.r.o.  *  * Licensed under the Apache License, Version 2.0 (the "License");  * you may not use this file except in compliance with the License.  * You may obtain a copy of the License at  * </pre> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <pre> * https://www.apache.org/licenses/LICENSE-2.0 * * Unless required by applicable law or agreed to in writing, software * distributed under the License is distributed on an "AS IS" BASIS, * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. * See the License for the specific language governing permissions and * limitations under the License. */ ----- com.squareup.okhttp3:logging-interceptor COPYRIGHT Copyright 2022 Square, Inc.  Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at      http://www.apache.org/licenses/LICENSE-2.0  Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License. ----- org.jetbrains.kotlin:kotlin-stdlib-jdk8 COPYRIGHT /* * Copyright 2010-2022 JetBrains s.r.o. and Kotlin Programming Language contributors. * * Licensed under the Apache License, Version 2.0 (the "License"); * you may not use this file except in compliance with the License. * You may obtain a copy of the License at * * http://www.apache.org/licenses/LICENSE-2.0 * * Unless required by applicable law or agreed to in writing, software * distributed under the License is distributed on an "AS IS" BASIS, </pre> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <pre> * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. * See the License for the specific language governing permissions and * limitations under the License. */  ===== == NOTICE file corresponding to the section 4 d of == == the Apache License, Version 2.0, == == in this case for the Kotlin Compiler distribution. ==  ===== =====  Kotlin Compiler Copyright 2010-2020 JetBrains s.r.o and respective authors and developers  ----- ----- org.jetbrains.kotlin:kotlin-stdlib-jdk7 COPYRIGHT /* * Copyright 2010-2022 JetBrains s.r.o. and Kotlin Programming Language contributors. * * Licensed under the Apache License, Version 2.0 (the "License"); * you may not use this file except in compliance with the License. * You may obtain a copy of the License at * * http://www.apache.org/licenses/LICENSE-2.0 * * Unless required by applicable law or agreed to in writing, software * distributed under the License is distributed on an "AS IS" BASIS, * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. * See the License for the specific language governing permissions and * limitations under the License. */  ===== ===== == NOTICE file corresponding to the section 4 d of == == the Apache License, Version </pre> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>2.0, ==</p> <p>== in this case for the Kotlin Compiler distribution. ==</p> <p>=====</p> <p>=====</p> <p>Kotlin Compiler<br/>Copyright 2010-2020 JetBrains s.r.o and respective authors and developers</p> <p>-----</p> <p>-----</p> <p>notice file msgpack : <a href="https://github.com/msgpack/msgpack-java/blob/master/NOTICE">https://github.com/msgpack/msgpack-java/blob/master/NOTICE</a><br/>This project uses code from the ASF Apache Harmony project. The following are the relevant notices from that project, included in order to comply with its license requirements.</p> <p>-----</p> <p>Apache Harmony<br/>Copyright 2006, 2010 The Apache Software Foundation.</p> <p>This product includes software developed at The Apache Software Foundation (<a href="http://www.apache.org/">http://www.apache.org/</a>).</p> <p>Portions of Apache Harmony were originally developed by Intel Corporation and are licensed to the Apache Software Foundation under the "Software Grant and Corporate Contribution License Agreement" and for which the following copyright notices apply</p> <p>(C) Copyright 2005 Intel Corporation<br/>(C) Copyright 2005-2006 Intel Corporation<br/>(C) Copyright 2006 Intel Corporation</p> <p>Portions of Apache Harmony's Class Library TEXT module contain JavaDoc derived from the ICU project.<br/>Copyright (c) 1995-2008 International Business Machines Corporation and others</p> <p>The Apache Harmony Development Kit (HDK) contains a jar file from the Apache Derby Project for which the following notice applies:</p> <p>Apache Derby<br/>Copyright 2004-2007 The Apache Software Foundation</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider       | Component (s)                                         | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------------|-------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                |                                                       | <p>This product includes software developed by The Apache Software Foundation (<a href="http://www.apache.org/">http://www.apache.org/</a>).</p> <p>Portions of Derby were originally developed by International Business Machines Corporation and are licensed to the Apache Software Foundation under the "Software Grant and Corporate Contribution License Agreement", informally known as the "Derby CLA". The following copyright notice(s) were affixed to portions of the code with which this file is now or was at one time distributed and are placed here unaltered.</p> <p>(C) Copyright 1997,2004 International Business Machines Corporation.<br/>All rights reserved.</p> <p>(C) Copyright IBM Corp. 2003.</p> <p>The portion of the functionTests under 'nist' was originally developed by the National Institute of Standards and Technology (NIST), an agency of the United States Department of Commerce, and adapted by International Business Machines Corporation in accordance with the NIST Software Acknowledgment and Redistribution document at <a href="http://www.itl.nist.gov/div897/ctg/sql_form.htm">http://www.itl.nist.gov/div897/ctg/sql_form.htm</a></p> <p>-----</p> |
| Stefan Majer   | influxdb-java 2.19                                    | MIT License See <a href="#">Appendix G</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| seancoley      | ipaddress 5.2.1<br>ipaddress 5.3.3<br>ipaddress 5.4.0 | TOP-LEVEL COPYRIGHT LICENSE for com.github.seancoley:ipaddress:5.2.1<br>APACHE 2.0 - See <a href="#">Appendix E</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| FasterXML, LLC | jackson-annotations 2.10.2                            | Jackson Annotations 2.9.7<br>Copyright (c) 2007 Tatu Saloranta <tatu.saloranta@iki.fi><br>LICENSE: Apache 2.0<br>APACHE 2.0 - See <a href="#">Appendix E</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| FasterXML, LLC | jackson-annotations 2.11.0                            | Jackson Annotations Copyright (c) 2019 Tatu Saloranta <tatu.saloranta@iki.fi> LICENSE: Apache 2.0<br>APACHE 2.0 - See <a href="#">Appendix E</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| FasterXML, LLC | jackson-annotations 2.11.1                            | jackson-annotations 2.9.7 COPYRIGHT: Copyright (c) 2007- Tatu Saloranta, tatu.saloranta@iki.fi<br>APACHE 2.0 - See <a href="#">Appendix E</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider       | Component (s)                                     | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------------|---------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| FasterXML, LLC | jackson-core 2.15.3<br>jackson-annotations 2.15.3 | <p>Jackson Core Copyright © 2008–2019 FasterXML. All rights reserved. This copy of Jackson JSON processor streaming parser/generator is licensed under the Apache (Software) License, version 2.0 ("the License"). See the License for details about distribution rights, and the specific rights regarding derivate works. You may obtain a copy of the License at: <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>NOTICE FILE: ===== # Jackson JSON processor Jackson is a high-performance, Free/Open Source JSON processing library. It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007. It is currently developed by a community of developers, as well as supported commercially by FasterXML.com. ## Licensing Jackson core and extension components may licensed under different licenses. To find the details that apply to this artifact see the accompanying LICENSE file. For more information, including possible other licensing options, contact FasterXML.com (<a href="http://fasterxml.com">http://fasterxml.com</a>). ## Credits A list of contributors may be found from CREDITS file, which is included in some artifacts (usually source distributions); but is always available from the source code management (SCM) system project uses. =====</p> <p>APACHE 2.0 - See <a href="#">Appendix E</a></p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider       | Component (s)             | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------------|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| FasterXML, LLC | jackson-databind 2.13.4.2 | <pre> ----- Top-level license -----  APACHE 2.0 - See <a href="#">Appendix E</a>  ----- Copyright notices -----  # Jackson JSON processor  Jackson is a high-performance, Free/Open Source JSON processing library. It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007. It is currently developed by a community of developers.  ## Licensing  Jackson 2.x core and extension components are licensed under Apache License 2.0 To find the details that apply to this artifact see the accompanying LICENSE file.  ## Credits  A list of contributors may be found from CREDITS(-2.x) file, which is included in some artifacts (usually source distributions); but is always available from the source code management (SCM) system project uses.  ----- Fourth-party information ----- == jackson-core == License Apache 2.0 == Copyright Notices Copyright (c) 2007- Tatu Saloranta, tatu.saloranta@iki.fi  # Jackson JSON processor  Jackson is a high-performance, Free/Open Source JSON processing library. It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007. It is currently developed by a community of developers.  ## Licensing  Jackson 2.x core and extension components are </pre> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>licensed under Apache License 2.0<br/>To find the details that apply to this artifact see the accompanying LICENSE file.</p> <p>## Credits</p> <p>A list of contributors may be found from CREDITS(-2.x) file, which is included in some artifacts (usually source distributions); but is always available from the source code management (SCM) system project uses.</p> <p>-----<br/>(separator)-----</p> <p>== jackson-annotations<br/>== License<br/>Apache 2.0<br/>== Copyright Notices<br/>Copyright © 2007-2022 FasterXML. All rights reserved.</p> <p>Licensed under the Apache License, Version 2.0 (the "License");<br/>you may not use this file except in compliance with the License.<br/>You may obtain a copy of the License at<br/><a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a><br/>Unless required by applicable law or agreed to in writing, software<br/>distributed under the License is distributed on an "AS IS" BASIS,<br/>WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.<br/>See the License for the specific language governing permissions and limitations under the License.</p> <p>-----<br/>(separator)-----</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider       | Component (s)                  | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------------|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| FasterXML, LLC | jackson-dataformat-yaml 2.11.2 | <p>Dependency: com.fasterxml.jackson.dataformat:jackson-dataformat-yaml:jar:2.11.2</p> <p>License: Apache 2.0</p> <p>-----</p> <p>NOTICE FILE</p> <p># JACKSON JSON PROCESSOR</p> <p>Jackson is a high-performance, Free/Open Source JSON processing library. It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007. It is currently developed by a community of developers, as well as supported commercially by FasterXML.com.</p> <p># LICENSING</p> <p>Jackson core and extension components may be licensed under different licenses. To find the details that apply to this artifact see the accompanying LICENSE file. For more information, including possible other licensing options, contact FasterXML.com (<a href="http://fasterxml.com">http://fasterxml.com</a>).</p> <p># CREDITS</p> <p>A list of contributors may be found from CREDITS file, which is included in some artifacts (usually source distributions); but is always available from the source code management (SCM) system project uses.</p> <p>-----</p> <p>APACHE 2.0 - See <a href="#">Appendix E</a></p> <p>FOURTH-PARTY DEPENDENCY</p> <p>-----</p> <p>Dependency: com.fasterxml.jackson.core:jackson-databind:jar:2.11.2</p> <p>LICENSE: Apache 2.0</p> <p>-----</p> <p>Dependency: com.fasterxml.jackson.core:jackson-core:jar:2.11.2</p> <p>LICENSE: Apache 2.0</p> <p>-----</p> <p>Dependency: org.yaml:snakeyaml:jar:1.26</p> <p>LICENSE: Apache 2.0</p> <p>Copyright (c) 2008, <a href="http://www.snakeyaml.org">http://www.snakeyaml.org</a></p> <p>Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License.</p> <p>You may obtain a copy of the License at <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider       | Component (s)                | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------------|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| FasterXML, LLC | jackson-datatype-joda 2.9.6  | <p>APACHE 2.0 - See <a href="#">Appendix E</a></p> <p>Below are 4th party dependencies:</p> <p>jackson-annotations 2.9.0, Apache 2.0</p> <p>jackson-core 2.9.6, Apache 2.0</p> <p>jackson-databind 2.9.6, Apache 2.0</p> <p>Above 3 softwares don't have copyright info in the source code, just license info of Apache 2.0</p> <p>joda-time 2.7, Apache 2.0</p> <p>NOTICE file corresponding to section 4d of the Apache License Version 2.0</p> <p>This product includes software developed by Joda.org (<a href="http://www.joda.org/">http://www.joda.org/</a>).</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| FasterXML, LLC | jackson-datatype-joda 2.11.0 | <p>jackson-datatype-joda 2.10.0</p> <p>NOTICE file corresponding to section 4d of the Apache License Version 2.0</p> <p>This product includes software developed by Joda.org (<a href="http://www.joda.org/">http://www.joda.org/</a>).</p> <p>COPYRIGHT:</p> <p>Copyright 2007 Tatu Saloranta</p> <p>Copyright 2012 FasterXML.com</p> <p>APACHE 2.0 - See <a href="#">Appendix E</a></p> <p>4th party dependencies:</p> <p>com.fasterxml.jackson.core jackson-core</p> <p>com.fasterxml.jackson.core jackson-databind</p> <p>com.fasterxml.jackson.core jackson-annotations</p> <p>COPYRIGHT:</p> <p>Copyright 2007 Tatu Saloranta</p> <p>Copyright 2012 FasterXML.com</p> <p>LICENSE: Apache 2.0 <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>joda-time</p> <p>COYRIGHT: Copyright 2001-2015 Stephen Colebourne</p> <p>LICENSE: Apache 2.0 <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>APACHE 2.0 - See <a href="#">Appendix E</a></p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider        | Component (s)                | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-----------------|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| FasterXML, LLC. | jackson-datatype-joda 2.13.1 | <p>NOTICE:</p> <p># Jackson JSON processor</p> <p>Jackson is a high-performance, Free/Open Source JSON processing library.</p> <p>It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007.</p> <p>It is currently developed by a community of developers, as well as supported commercially by FasterXML.com.</p> <p>## Licensing</p> <p>Jackson core and extension components may licensed under different licenses.</p> <p>To find the details that apply to this artifact see the accompanying LICENSE file.</p> <p>For more information, including possible other licensing options, contact FasterXML.com (<a href="http://fasterxml.com">http://fasterxml.com</a>).</p> <p>## Credits</p> <p>A list of contributors may be found from CREDITS file, which is included in some artifacts (usually source distributions); but is always available from the source code management (SCM) system project uses.</p> <p>-----</p> <p>NOTICE:</p> <p># Jackson JSON processor</p> <p>Jackson is a high-performance, Free/Open Source JSON processing library.</p> <p>It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007.</p> <p>It is currently developed by a community of developers, as well as supported commercially by FasterXML.com.</p> <p>## Licensing</p> <p>Jackson core and extension components may licensed under different licenses.</p> <p>To find the details that apply to this artifact see the accompanying LICENSE file.</p> <p>For more information, including possible other licensing options, contact FasterXML.com (<a href="http://fasterxml.com">http://fasterxml.com</a>).</p> <p>## Credits</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>A list of contributors may be found from CREDITS file, which is included in some artifacts (usually source distributions); but is always available from the source code management (SCM) system project uses.</p> <p>-----</p> <p>This copy of Jackson JSON processor streaming parser/generator is licensed under the Apache (Software) License, version 2.0 ("the License"). See the License for details about distribution rights, and the specific rights regarding derivate works.</p> <p>You may obtain a copy of the License at:<br/><a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>-----</p> <p>APACHE 2.0 - See <a href="#">Appendix E</a></p> <p>-----</p> <p>jackson-datatype-joda</p> <p>NOTICE:</p> <p>=====</p> <p>= NOTICE file corresponding to section 4d of the Apache License Version 2.0 =</p> <p>=====</p> <p>This product includes software developed by Joda.org (<a href="http://www.joda.org/">http://www.joda.org/</a>).</p> <p>=====</p> <p>=====</p> <p>COPYRIGHT:</p> <p>Copyright (c) 2007- Tatu Saloranta, tatu.saloranta@iki.fi</p> <p>Copyright 2012 FasterXML.com</p> <p>APACHE 2.0 - See <a href="#">Appendix E</a></p> <p>-----</p> <p>joda-time</p> <p>COYRIGHT: Copyright 2001-2015 Stephen Colebourne</p> <p>APACHE 2.0 - See <a href="#">Appendix E</a></p> <p>-----</p> <p>Joda Convert</p> <p>COYRIGHT: Copyright 2001-2015 Stephen Colebourne</p> <p>Copyright 2010-present Stephen Colebourne</p> <p>This product includes software developed by</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Joda.org (<a href="https://www.joda.org/">https://www.joda.org/</a>).</p> <p>Joda-Convert includes code from Google Guava, which is licensed as follows:</p> <p>Copyright (C) 2011 The Guava Authors</p> <p>Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at</p> <p><a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Unless required by applicable law or agreed to in writing, software distributed under the License</p> <p>is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express</p> <p>or implied. See the License for the specific language governing permissions and limitations under the License.</p> <p>APACHE 2.0 - See <a href="#">Appendix E</a></p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider        | Component (s)                | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-----------------|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| FasterXML, LLC. | jackson-datatype-joda 2.13.2 | <pre> jackson-datatype-joda -----  APACHE 2.0 - See <a href="#">Appendix E</a>  ----- ----- jackson-datatype-joda ----- Apache License                                 Version 2.0, January 2004                                 http://www.apache.org/ licenses/  Copyright /*  * Copyright 2007-present the original author or authors.  *  * Licensed under the Apache License, Version 2.0 (the "License");  * you may not use this file except in compliance with the License.  * You may obtain a copy of the License at  *  *      http://www.apache.org/licenses/LICENSE-2.0  *  * Unless required by applicable law or agreed to in writing, software  * distributed under the License is distributed on an "AS IS" BASIS,  * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.  * See the License for the specific language governing permissions and  * limitations under the License.  */  NOTICE  This copy of Jackson JSON processor streaming parser/generator is licensed under the Apache (Software) License, version 2.0 ("the License"). See the License for details about distribution rights, and the specific rights regarding derivate works.  You may obtain a copy of the License at:  http://www.apache.org/licenses/LICENSE-2.0 -----FOURTH PARTY DEPENDENCY 1 ----- </pre> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <pre> jackson-annotations ----- Apache License Version 2.0, January 2004 http://www.apache.org/ licenses/  Copyright /*  * Copyright 2007-present the original author or authors.  *  * Licensed under the Apache License, Version 2.0 (the "License");  * you may not use this file except in compliance with the License.  * You may obtain a copy of the License at  *  * http://www.apache.org/licenses/LICENSE-2.0  *  * Unless required by applicable law or agreed to in writing, software  * distributed under the License is distributed on an "AS IS" BASIS,  * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.  * See the License for the specific language governing permissions and  * limitations under the License.  */  -----FOURTH PARTY DEPENDENCY 2 ----- jackson-core -----  Apache License Version 2.0, January 2004 http://www.apache.org/ licenses/  Copyright /* Jackson JSON-processor.  *  * Copyright (c) 2007- Tatu Saloranta, tatu.saloranta@iki.fi  */  # Notice  Project: jackson-core  Contains core streaming reader (`JsonParser`) and </pre> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>writer (`JsonGenerator`) abstractions, factory for constructing readers/writers (JsonFactory), as well as a minimal set of interfaces needed for streaming level to make callbacks and call-throughs, via `ObjectCodec` and `TreeNode`.</p> <p>Also includes implementation of this API for JSON. Forms the base for other data formats as well, despite naming that suggests JSON-specificity: naming is due to history, as Jackson started out as pure JSON library.</p> <p>## Licensing</p> <p>Jackson 2.x core and extension components are licensed under Apache License 2.0<br/>To find the details that apply to this artifact see the accompanying LICENSE file.</p> <p>## Credits</p> <p>A list of contributors may be found from CREDITS(-2.x) file, which is included in some artifacts (usually source distributions); but is always available from the source code management (SCM) system project uses.</p> <p>-----FOURTH<br/>PARTY DEPENDENCY 3 -----<br/>jackson-databind<br/>-----</p> <p>Apache License</p> <p>Version 2.0, January 2004</p> <p><a href="http://www.apache.org/licenses/">http://www.apache.org/licenses/</a></p> <p>Copyright<br/>/*<br/>* Copyright 2007-present the original author or authors.<br/>*<br/>* Licensed under the Apache License, Version 2.0 (the "License");<br/>* you may not use this file except in compliance with the License.<br/>* You may obtain a copy of the License at<br/>*<br/>* <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a><br/>*<br/>* Unless required by applicable law or agreed to</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>in writing, software</p> <ul style="list-style-type: none"> <li>* distributed under the License is distributed on an "AS IS" BASIS,</li> <li>* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.</li> <li>* See the License for the specific language governing permissions and</li> <li>* limitations under the License.</li> </ul> <p>*/</p> <p>Notices</p> <p># Jackson JSON processor</p> <p>Jackson is a high-performance, Free/Open Source JSON processing library.<br/>It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007.<br/>It is currently developed by a community of developers.</p> <p>## Licensing</p> <p>Jackson 2.x core and extension components are licensed under Apache License 2.0<br/>To find the details that apply to this artifact see the accompanying LICENSE file.</p> <p>## Credits</p> <p>A list of contributors may be found from CREDITS(-2.x) file, which is included in some artifacts (usually source distributions); but is always available from the source code management (SCM) system project uses.</p> <p>-----FOURTH<br/>PARTY DEPENDENCY 4 -----</p> <p>joda-time</p> <p>-----</p> <p>Apache License</p> <p>Version 2.0, January 2004</p> <p><a href="http://www.apache.org/licenses/">http://www.apache.org/licenses/</a></p> <p>Copyright</p> <p>/*</p> <ul style="list-style-type: none"> <li>* Copyright 2001-2015 Stephen Colebourne</li> <li>* Licensed under the Apache License, Version 2.0</li> </ul> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <pre> (the "License");  * you may not use this file except in compliance with the License.  * You may obtain a copy of the License at  *  *      http://www.apache.org/licenses/LICENSE-2.0  *  * Unless required by applicable law or agreed to in writing, software  * distributed under the License is distributed on an "AS IS" BASIS,  * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.  * See the License for the specific language governing permissions and  * limitations under the License.  */  ===== ===== = NOTICE file corresponding to section 4d of the Apache License Version 2.0 = ===== ===== This product includes software developed by Joda.org (https://www.joda.org/). ----- -----  joda-convert ----- Apache License                                 Version 2.0, January 2004                                 http://www.apache.org/ licenses/  Copyright /*  * Copyright 2010-present Stephen Colebourne  *  * Licensed under the Apache License, Version 2.0 (the "License");  * you may not use this file except in compliance with the License.  * You may obtain a copy of the License at  *  *      http://www.apache.org/licenses/LICENSE-2.0  *  * Unless required by applicable law or agreed to in writing, software  * distributed under the License is distributed on an "AS IS" BASIS, </pre> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider       | Component (s)                  | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------------|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                |                                | <p>* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.</p> <p>* See the License for the specific language governing permissions and</p> <p>* limitations under the License.</p> <p>*/</p> <p>/*</p> <p>* Copied from Guava and altered. Original copyright:</p> <p>*</p> <p>* Copyright (C) 2012 The Guava Authors</p> <p>*</p> <p>* Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except</p> <p>* in compliance with the License. You may obtain a copy of the License at</p> <p>*</p> <p>* <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>*</p> <p>* Unless required by applicable law or agreed to in writing, software distributed under the License</p> <p>* is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either</p> <p>express</p> <p>* or implied. See the License for the specific language governing permissions and limitations under</p> <p>* the License.</p> <p>*/</p> |
| FasterXML, LLC | jackson-datatype-jsr310 2.11.0 | <p>jackson-datatype-jsr310 2.11.0</p> <p>COPYRIGHT: [1]</p> <p>LICENSE: [3]</p> <p>Fourth party dependencies</p> <p>jackson-annotations 2.10.0</p> <p>COPYRIGHT: [2]</p> <p>LICENSE: [3]</p> <p>Copyright 2013 FasterXML.com</p> <p>APACHE 2.0 - See <a href="#">Appendix E</a></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider       | Component (s)                  | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------------|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| FasterXML, LLC | jackson-datatype-jsr310 2.11.1 | <p>jackson-datatype-jsr310 2.11.0</p> <p>COPYRIGHT: [1]</p> <p>LICENSE: [3]</p> <p>Fourth party dependencies</p> <p>jackson-annotations 2.10.0</p> <p>COPYRIGHT: [2]</p> <p>LICENSE: [3]</p> <p>=====BEGIN REFERENCE [1]=====</p> <p>/* * Copyright 2013 FasterXML.com</p> <p>*</p> <p>* Licensed under the Apache License, Version 2.0 (the "License"); you may * not use this file except in compliance with the License. You may obtain * a copy of the License at</p> <p>*</p> <p>* <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>*</p> <p>* Unless required by applicable law or agreed to in writing, software * distributed under the License is distributed on an "AS IS" BASIS, * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. * See the license for the specific language governing permissions and * limitations under the license.</p> <p>*/</p> <p>=====END REFERENCE [1]=====</p> <p>=====BEGIN REFERENCE [2]=====</p> <p>This copy of Jackson JSON processor annotations is licensed under the Apache (Software) License, version 2.0 ("the License"). See the License for details about distribution rights, and the specific rights regarding derivate works.</p> <p>You may obtain a copy of the License at:</p> <p><a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>=====END REFERENCE [2]=====</p> <p>=====BEGIN REFERENCE [3]=====</p> <p>APACHE 2.0 - See <a href="#">Appendix E</a></p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider        | Component (s)                         | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-----------------|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| youDevise, Ltd. | Java DogStatsD Client 2.10.2          | <p>java-statsd-client. Copyright (C) 2012 youDevise, Ltd.<br/>See <a href="#">Appendix G</a></p> <p>+++++ 4th party dependency +++++<br/>+++++</p> <p>jnr-unixsocket, v0.18, Apache 2.0 /*<br/>* Copyright (C) 2009 Wayne Meissner *<br/>* This file is part of the JNR project. *<br/>* Licensed under the Apache License, Version 2.0 (the "License");<br/>* you may not use this file except in compliance with the License.<br/>* You may obtain a copy of the License at *<br/>* <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a> *<br/>* Unless required by applicable law or agreed to in writing, software<br/>* distributed under the License is distributed on an "AS IS" BASIS,<br/>* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND,<br/>either express or implied.<br/>* See the License for the specific language governing permissions and<br/>* limitations under the License.<br/>*/</p>                      |
| Tatu Saloranta  | Java Uuid Generator 4.0.1             | <p>Java UUID Generator » 3.1.5<br/>COPYRIGHT: Copyright (c) 2002- Tatu Saloranta, tatu.saloranta@iki.fi<br/>LICENSE: Apache 2.0<br/>APACHE 2.0 - See <a href="#">Appendix E</a></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Oracle          | JCache Reference Implementation 1.1.1 | <p>JCache Reference Implementation 1.1.1 Terracotta and Oracle /* * Copyright 2011-2013 Terracotta, Inc. * Copyright 2011-2013 Oracle, Inc. * * Licensed under the Apache License, Version 2.0 (the "License"); * you may not use this file except in compliance with the License. * You may obtain a copy of the License at * * <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a> * * Unless required by applicable law or agreed to in writing, software * distributed under the License is distributed on an "AS IS" BASIS, * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. * See the License for the specific language governing permissions and * limitations under the License. */<br/>APACHE 2.0 - See <a href="#">Appendix E</a></p> <p>cache-api 1.1.1 SUBCOMPONENTS Apache License 2.0<br/>----- CDI APIs 2.0.SP1 Apache License 2.0<br/>APACHE 2.0 - See <a href="#">Appendix E</a></p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider           | Component (s)      | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|--------------------|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Eclipse Foundation | jersey-client 2.31 | <p>****DEVELOPMENT MUST INSERT THE INFORMATION IN THE SECTIONS BELOW****</p> <p>The documentation team must include the following in the documentation accompanying the Oracle product that includes the EPL code:</p> <ol style="list-style-type: none"> <li>1. The follow files are available in source code form under the Eclipse Public License at: {INSERT WEBSITE WHERE SOURCE CODE IS AVAILABLE}. (The EPL license is reproduced below).</li> <li>2. All past Contributors to the {INSERT THE NAME OF THE EPL CODE} disclaim all warranties and conditions, express and implied, including warranties or conditions of title and non-infringement, and implied warranties or conditions of merchantability and fitness for a particular purpose. In addition, such Contributors are not liable for any damages, including direct, indirect, special, incidental and consequential damages, such as lost profits.</li> <li>3. Any provisions of the Oracle license agreement that differ from the Eclipse Public License are offered by Oracle alone and not by any other party.</li> <li>4. { IF THERE ARE MODIFICATIONS OR ADDITIONS, INSERT THE FOLLOWING} Oracle has modified the following files {LIST FILES}</li> <li>5. { IF EXECUTABLES ARE UNDER ORACLE AGREEMENT AS OPPOSED TO THE EPL, INSERT THE FOLLOWING} These files are licensed in executable form under your Oracle license agreement. Oracle is solely responsible for any representations and warranties contained therein.</li> </ol> <p>jersey-core-client (org.glassfish.jersey.core:jersey-client)</p> <p>Copyright (c) 2018 Payara Foundation and/or its affiliates. All rights reserved.</p> <p>Copyright (c) 2018,2019 Payara Foundation and/or its affiliates.</p> <p>Copyright (c) 2010,2020 Oracle and/or its affiliates. All rights reserved.</p> <p>-----</p> <p># Notice for Jersey</p> <p>This content is produced and maintained by the Eclipse Jersey project.</p> <p>* Project home: <a href="https://projects.eclipse.org/projects/ee4j.jersey">https://projects.eclipse.org/projects/ee4j.jersey</a></p> <p>## Trademarks</p> <p>Eclipse Jersey is a trademark of the Eclipse Foundation.</p> <p>## Copyright</p> <p>All content is the property of the respective authors or their employers. For more information regarding authorship of content, please consult the listed source code repository logs.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>## Declared Project Licenses</p> <p>This program and the accompanying materials are made available under the terms of the Eclipse Public License v. 2.0 which is available at <a href="http://www.eclipse.org/legal/epl-2.0">http://www.eclipse.org/legal/epl-2.0</a>. This Source Code may also be made available under the following Secondary Licenses when the conditions for such availability set forth in the Eclipse Public License v. 2.0 are satisfied: GNU General Public License, version 2 with the GNU Classpath Exception which is available at <a href="https://www.gnu.org/software/classpath/license.html">https://www.gnu.org/software/classpath/license.html</a>.</p> <p>Oracle elects the EPL 2.0 license.</p> <p>SPDX-License-Identifier: EPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0</p> <p>## Source Code</p> <p>The project maintains the following source code repositories:</p> <p>* <a href="https://github.com/eclipse-ee4j/jersey">https://github.com/eclipse-ee4j/jersey</a></p> <p>-----</p> <p>Eclipse Public License - v 2.0 - See <a href="#">Appendix Y</a></p> <p>GPL v2 - See <a href="#">Appendix A</a></p> <p>-----</p> <p>Fourth Party Dependencies</p> <p>-----</p> <p>"jakarta.ws.rs-api" (jakarta.ws.rs:jakarta.ws.rs-api)</p> <p>Copyright (c) 2010,2019 Oracle and/or its affiliates. All rights reserved.</p> <p>Copyright (c) 2006 Google Inc.</p> <p>EPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0</p> <p>-----</p> <p>"jersey-core-common" (org.glassfish.jersey.core:jersey-common)</p> <p>Copyright (c) 2007,2020 Oracle and/or its affiliates. All rights reserved.</p> <p>Copyright (c) 2018 Payara Foundation and/or its affiliates.</p> <p>Copyright (C) 2006,2014 The Guava Authors</p> <p>EPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0</p> <p>-----</p> <p>"Jakarta Annotations API"</p> <p>(jakarta.annotation:jakarta.annotation-api)</p> <p>Copyright (c) 2005,2018 Oracle and/or its affiliates. All rights reserved.</p> <p>Copyright &amp;#169; 2019 Eclipse Foundation. All rights reserved.&lt;br&gt;</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>EPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0</p> <p>-----</p> <p>"OSGi resource locator" (org.glassfish.hk2:osgi-resource-locator)</p> <p>Copyright (c) 2009,2018 Oracle and/or its affiliates. All rights reserved.</p> <p>EPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0</p> <p>-----</p> <p>"javax.inject:1 as OSGi bundle" (org.glassfish.hk2.external:jakarta.inject)</p> <p>Copyright (C) 2009 The JSR-330 Expert Group</p> <p>Copyright (c) 2010,2018 Oracle and/or its affiliates. All rights reserved.</p> <p>EPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0</p> <p>-----</p> <p>"Jakarta Activation" (com.sun.activation:jakarta.activation)</p> <p>Copyright (c) 1997,2019 Oracle and/or its affiliates. All rights reserved.</p> <p>Eclipse Distribution License - v 1.0 Copyright (c) 2007, Eclipse Foundation, Inc. and its licensors.</p> <p>All rights reserved.</p> <p>See <a href="#">Appendix M</a></p> <p>-----</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider          | Component (s)                                                        | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-------------------|----------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Uber Technologies | jaeger-client-python 4.3.0                                           | <p># Copyright (c) 2016-2018 Uber Technologies, Inc. #<br/> Licensed under the Apache License, Version 2.0 (the "License"); # you may not use this file except in compliance with the License. # You may obtain a copy of the License at #<br/> # http://www.apache.org/licenses/LICENSE-2.0 # Unless required by applicable law or agreed to in writing, software # distributed under the License is distributed on an "AS IS" BASIS, # WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. # See the License for the specific language governing permissions and # limitations under the License.<br/> APACHE 2.0 - See <a href="#">Appendix E</a></p> <p>Below are 4th party dependencies go-swagger, 0.12.0, apache license // Copyright 2015 go-swagger maintainers // Licensed under the Apache License, Version 2.0 (the "License"); // you may not use this file except in compliance with the License. // You may obtain a copy of the License at // http://www.apache.org/licenses/LICENSE-2.0 // Unless required by applicable law or agreed to in writing, software // distributed under the License is distributed on an "AS IS" BASIS, // WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. // See the License for the specific language governing permissions and // limitations under the License. ++++++<br/> +++++ thrift, 0.9.3, apache 2.0 Apache Thrift Copyright 2006-2017 The Apache Software Foundation. This product includes software developed at The Apache Software Foundation (http://www.apache.org/). ++++++<br/> +++++ mockery, BSD-3-Clause Copyright (c) 2014, Opinionated Architecture All rights reserved.<br/> See <a href="#">Appendix M</a></p> |
| Jenkins CI        | jenkins 2.414.1<br>jenkins 2.432<br>jenkins 2.289.3<br>Jenkins 2.447 | <p>TOP-LEVEL COPYRIGHT NOTICE for jenkins -&gt; 2.277.4<br/> RELEASE -----separator-----<br/> MIT License See <a href="#">Appendix G</a><br/> -----separator-----</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider   | Component (s)   | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|------------|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Jenkins CI | Jenkins 2.319.2 | <p>Jenkins<br/>MIT License See <a href="#">Appendix G</a></p> <p>=====</p> <p>=====</p> <p>=====</p> <p>Antlr</p> <p>Copyright (c) 2012-2017 The ANTLR Project. All rights reserved</p> <p>SOFTWARE RIGHTS</p> <p>ANTLR 1989-2004 Developed by Terence Parr Partially supported by University of San Francisco &amp; jGuru.com</p> <p>We reserve no legal rights to the ANTLR--it is fully in the public domain. An individual or company may do whatever they wish with source code distributed with ANTLR or the code generated by ANTLR, including the incorporation of ANTLR, or its output, into commerical software.</p> <p>We encourage users to develop software with ANTLR. However, we do ask that credit is given to us for developing ANTLR. By "credit", we mean that if you use ANTLR or incorporate any source code into one of your programs (commercial product, research project, or otherwise) that you acknowledge this fact somewhere in the documentation, research report, etc... If you like ANTLR and have developed a nice tool with the output, please mention that you developed it using ANTLR. In addition, we ask that the headers remain intact in our source code. As long as these guidelines are kept, we expect to continue enhancing this system and expect to make other tools available as they are completed.</p> <p>The primary ANTLR guy:</p> <p>Terence Parr<br/>parrt@cs.usfca.edu<br/>parrt@antlr.org</p> <p>=====</p> <p>=====</p> <p>=====</p> <p>jakarta.servlet.jsp.jstl-api is dual licensed under EPL and GPL+CPE:-</p> <p>Copyright © 2019 Eclipse Foundation. All rights reserved</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Copyright 2004 The Apache Software Foundation</p> <p>Copyright (c) 1997-2018 Oracle and/or its affiliates. All rights reserved</p> <p>Copyright (c) 1997, 2018 Oracle and/or its affiliates. All rights reserved</p> <p>Eclipse Public License - v 2.0</p> <p>=====</p> <p>Eclipse Public License - v 2.0 -</p> <p>See <a href="#">Appendix Y</a></p> <p>ISC License (ISCL) License:-</p> <p>jbencrypt</p> <p>Copyright (c) 2006 Damien Miller</p> <p>=====</p> <p>Copyright (c) 4-digit year, Company or Person's Name</p> <p>Permission to use, copy, modify, and/or distribute this software for any purpose</p> <p>with or without fee is hereby granted, provided that the above copyright notice</p> <p>and this permission notice appear in all copies.</p> <p>THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.</p> <p>---</p> <p>=====</p> <p>=====</p> <p>=====</p> <p>Indiana University Extreme! Lab Software License:-</p> <p>mxparser</p> <p>Copyright (c) 2003 Extreme</p> <p>Copyright (C) 2003 The Trustees of Indiana University. * All rights reserved</p> <p>Copyright (c) 2002 Extreme</p> <p>Indiana University Extreme! Lab Software License</p> <p>=====</p> <p>==</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Version 1.1.1</p> <p>Copyright (c) 2002 Extreme! Lab, Indiana University. All rights reserved.</p> <p>Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:</p> <ol style="list-style-type: none"> <li>1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.</li> <li>2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.</li> <li>3. The end-user documentation included with the redistribution, if any, must include the following acknowledgment:<br/> <p>"This product includes software developed by the Indiana University<br/> Extreme! Lab (<a href="http://www.extreme.indiana.edu/">http://www.extreme.indiana.edu/</a>)."</p> <p>Alternately, this acknowledgment may appear in the software itself, if and wherever such third-party acknowledgments normally appear.</p> </li> <li>4. The names "Indiana Univeristy" and "Indiana Univeristy Extreme! Lab" must not be used to endorse or promote products derived from this software without prior written permission. For written permission, please contact <a href="http://www.extreme.indiana.edu/">http://www.extreme.indiana.edu/</a>.</li> <li>5. Products derived from this software may not use "Indiana Univeristy" name nor may "Indiana Univeristy" appear in their name, without prior written permission of the Indiana University.</li> </ol> <p>See <a href="#">Appendix M</a></p> <p>=====</p> <p>=====</p> <p>=====</p> <p>BSD 3-clause "New" or "Revised" License:-</p> <p>asm</p> <p>(C) 2014-2017 Vitaly Puzrin and Andrey Tupitsin</p> <p>Copyright (c) 2013, 2018, Oracle and/or its affiliates. All rights reserved</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>(C) 1995-2013 Jean-loup Gailly and Mark Adler<br/> Copyright jQuery Foundation and other contributors<br/> Copyright JS Foundation and other contributors<br/> Copyright (c) 2015, 2018, Oracle and/or its affiliates. All rights reserved<br/> Copyright jQuery Foundation and other contributors; Licensed MIT<br/> Copyright (c) 2000-2011 INRIA, France Telecom// All rights reserved<br/> asm-analysis<br/> asm-commons<br/> (C) 2014-2017 Vitaly Puzrin and Andrey Tupitsin<br/> Copyright (c) 2013, 2018, Oracle and/or its affiliates. All rights reserved<br/> (C) 1995-2013 Jean-loup Gailly and Mark Adler<br/> Copyright jQuery Foundation and other contributors<br/> Copyright JS Foundation and other contributors<br/> Copyright (c) 2015, 2018, Oracle and/or its affiliates. All rights reserved<br/> Copyright jQuery Foundation and other contributors; Licensed MIT<br/> Copyright (c) 2000-2011 INRIA, France Telecom// All rights reserved<br/> asm-tree<br/> (C) 2014-2017 Vitaly Puzrin and Andrey Tupitsin<br/> Copyright (c) 2013, 2018, Oracle and/or its affiliates. All rights reserved<br/> (C) 1995-2013 Jean-loup Gailly and Mark Adler<br/> Copyright jQuery Foundation and other contributors<br/> Copyright JS Foundation and other contributors<br/> Copyright (c) 2015, 2018, Oracle and/or its affiliates. All rights reserved<br/> Copyright jQuery Foundation and other contributors; Licensed MIT<br/> Copyright (c) 2000-2011 INRIA, France Telecom// All rights reserved<br/> asm-util<br/> (C) 2014-2017 Vitaly Puzrin and Andrey Tupitsin<br/> Copyright (c) 2000-2011 INRIA, * France Telecom All rights reserved<br/> Copyright (c) 2013, 2018, Oracle and/or its affiliates. All rights reserved<br/> (C) 1995-2013 Jean-loup Gailly and Mark Adler<br/> Copyright jQuery Foundation and other contributors<br/> Copyright JS Foundation and other contributors</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Copyright (c) 2015, 2018, Oracle and/or its affiliates. All rights reserved</p> <p>Copyright jQuery Foundation and other contributors; Licensed MIT</p> <p>Copyright (c) 2000-2011 INRIA, France Telecom// All rights reserved</p> <p>dom4j</p> <p>(C) 2014-2017 Vitaly Puzrin and Andrey Tupitsin</p> <p>Copyright (c) 2013, 2018, Oracle and/or its affiliates. All rights reserved</p> <p>Copyright (C) 1995-2013 Jean-loup Gailly and Mark Adler</p> <p>Copyright JS Foundation and other contributors</p> <p>Copyright (c) 2015, 2018, Oracle and/or its affiliates. All rights reserved</p> <p>Copyright 2001-2005 (C) MetaStuff, Ltd. All Rights Reserved</p> <p>jakarta.activation</p> <p>Copyright (c) 1997, 2018 Oracle and/or its affiliates. All rights reserved</p> <p>jenkins-stapler-support</p> <p>Copyright (C) 2011 by Daniel Glazman</p> <p>Copyright (c) 2011 souceLair</p> <p>Copyright (C) 2011 by MarkLogic Corporation</p> <p>Copyright (c) 2010 Timothy Farrell</p> <p>Copyright (c) 2011, Ubalo, Inc.All rights reserved</p> <p>Copyright (c) 2012 Codility Limited, 107 Cheapside, London EC2V 6DN, UK</p> <p>Copyright (C) 2011 by Sabaca under the MIT license.</p> <p>Copyright (c) 2011 Jeff Pickhardt</p> <p>Copyright (C) 2012 Thomas Schmid</p> <p>Jline</p> <p>jna</p> <p>Copyright (c) 2002-2016, the original author or authors.</p> <p>jzlib-kohsuke</p> <p>Copyright (c) 2000-2011 ymnk, JCraft,Inc. All rights reserved</p> <p>Copyright (c) 2000,2001,2002,2003 ymnk, JCraft,Inc. All rights reserved</p> <p>Copyright (c) 2011 ymnk, JCraft,Inc. All rights reserved</p> <p>relaxngDatatype</p> <p>Copyright 2013 FasterXML.com</p> <p>Copyright (c) ,</p> <p>All rights reserved.</p> <p>See <a href="#">Appendix M</a></p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>=====</p> <p>=====</p> <p>=====</p> <p>The MIT License:-</p> <p>access-modifier-annotation</p> <p>Copyright (c) 2010, Kohsuke Kawaguchi</p> <p>(C) 2014-2017 Vitaly Puzrin and Andrey Tupitsin</p> <p>Copyright (c) 2013, 2018, Oracle and/or its affiliates. All rights reserved</p> <p>(C) 1995-2013 Jean-loup Gailly and Mark Adler</p> <p>Copyright jQuery Foundation and other contributors</p> <p>Copyright JS Foundation and other contributors</p> <p>Copyright (c) 2015, 2018, Oracle and/or its affiliates. All rights reserved</p> <p>Copyright 2018 CloudBees, Inc.</p> <p>Copyright jQuery Foundation and other contributors; Licensed MIT</p> <p>Copyright 2017 CloudBees, Inc.</p> <p>annotation-indexer</p> <p>args4j</p> <p>Copyright (c) 2013 Kohsuke Kawaguchi and other contributors</p> <p>bridge-method-annotation</p> <p>Copyright (c) 2010, InfraDNA, Inc.</p> <p>cli</p> <p>Copyright (c) 2004-2009, Sun Microsystems, Inc.</p> <p>crypto-util</p> <p>Copyright (c) 2004-2009, Sun Microsystems, Inc.</p> <p>embedded_su4j</p> <p>instance-identity</p> <p>Copyright 2014 Amazon.com, Inc. or its affiliates. * All Rights Reserved</p> <p>Copyright (c) 1998-2010 AOL Inc.</p> <p>Copyright (c) 2016 Stephen Connolly</p> <p>jenkins-core</p> <p>Copyright (c) 2004-2010, Sun Microsystems, Inc.</p> <p>j-interopdeps</p> <p>Copyright (C) 2004 The jTDS Project</p> <p>Copyright (C) 2001, 2002, 2003 Free Software Foundation, Inc.</p> <p>Copyright (C) 2001, 2002, Free Software Foundation, Inc.</p> <p>Copyright 2003, 2006 Eric Glass (eric.glass@gmail.com) *</p> <p>Copyright (C) 2002, 2003 Free Software Foundation, Inc.</p> <p>jnr-x86asm</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Copyright (c) 2008-2009, Petr Kobalicek<br/>Copyright (C) 2010 Wayne Meissner</p> <p>kxml2</p> <p>Copyright (c) 2002,2003, Stefan Haustein, Oberhausen, Rhld., Germany<br/>Copyright (c) 2002,2003,2004 Stefan Haustein, Oberhausen, Rhld., Germany<br/>Copyright (c) 2002,2003, Stefan Haustein, Oberhausen, Rhld., Germany</p> <p>launchd-slave-installer</p> <p>Copyright (c) 2004-2012. All Rights Reserved</p> <p>libpam4j</p> <p>Copyright (c) 2009, Sun Microsystems, Inc.<br/>Copyright 2014, R. Tyler Croy, Sun Microsystems, Inc.<br/>Copyright 2011, Sun Microsystems, Inc.</p> <p>localizer</p> <p>Copyright (c) 2007-, the localizer project contributors</p> <p>mockito-core</p> <p>Copyright (c) 2007 Mockito contributors</p> <p>memory-monitor</p> <p>Copyright (c) 2008-2011, Sun Microsystems, Inc., Kohsuke Kawaguchi, Stephen Wolf<br/>Copyright (c) 2008-2011, Sun Microsystems, Inc., Kohsuke Kawaguchi</p> <p>remoting</p> <p>Copyright (c) 2013 Kohsuke Kawaguchi and other contributors<br/>Copyright (c) 2004-2010, Sun Microsystems, Inc., Kohsuke Kawaguchi, CloudBees, Inc.<br/>Copyright (c) 2004-2010, Sun Microsystems, Inc., Kohsuke Kawaguchi<br/>Copyright (c) 2004-2018, Sun Microsystems, Inc., Kohsuke Kawaguchi, CloudBees, Inc.<br/>Copyright (c) 2016, Stephen Connolly, CloudBees, Inc., and others<br/>Copyright 2018 CloudBees, Inc.<br/>Copyright 2013 Jesse Glick.<br/>Copyright (c) 2010, InfraDNA, Inc.<br/>Copyright (c) 2004-2009, Sun Microsystems, Inc., Kohsuke Kawaguchi, CloudBees, Inc.<br/>Copyright 1999-2002,2004 The Apache Software Foundation.<br/>Copyright (c) 2012, 2017 Oracle and/or its affiliates. All rights reserved<br/>Copyright (c) 2016- CloudBees, Inc.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Copyright (c) 2016 CloudBees, Inc.</p> <p>Copyright (c) 2016, Stephen Connolly, CloudBees, Inc.</p> <p>Copyright (c) 2004-2016, Sun Microsystems, Inc., Kohsuke Kawaguchi, Daniel Dyer, Stephen Connolly, and others</p> <p>Copyright (c) 2011, CloudBees, Inc.</p> <p>Copyright (c) 2004-2009, Sun Microsystems, Inc., Kohsuke Kawaguchi, Ullrich Hafner</p> <p>Copyright (c) 2016, CloudBees, Inc.</p> <p>Copyright (c) 2019, CloudBees, Inc.</p> <p>Copyright 2006-2008 Makoto YUI</p> <p>Copyright (c) 2017 CloudBees, Inc.</p> <p>Copyright (c) 2018, CloudBees, Inc.</p> <p>Copyright (c) 2004-2009, Sun Microsystems, Inc.</p> <p>Copyright (c) 2004-2009, Sun Microsystems, Inc., Kohsuke Kawaguchi</p> <p>Copyright (c) 2016, CloudBees, Inc., Stephen Connolly</p> <p>robust-http-client</p> <p>Copyright (c) 2009, Sun Microsystems, Inc.</p> <p>self-signed-cert-generator</p> <p>Copyright (c) 2016 Stephen Connolly</p> <p>slave-installer</p> <p>Copyright © 2004-2014. All Rights Reserved</p> <p>slf4j-api</p> <p>Copyright (c) 2004-2011 QOS.ch</p> <p>slf4j-jdk14</p> <p>Copyright (c) 2004-2011 QOS.ch</p> <p>The MIT License</p> <p>=====</p> <p>Copyright (c)</p> <p>MIT License See <a href="#">Appendix G</a></p> <p>=====</p> <p>=====</p> <p>=====</p> <p>Eclipse Public License 2.0:-</p> <p>jakarta.mail</p> <p>Copyright (c) 2013, 2019 Oracle and/or its affiliates. All rights reserved</p> <p>Copyright (c) 2009, 2020 Oracle and/or its affiliates. All rights reserved</p> <p>Copyright (c) 2015, 2018 Jason Mehrens. All rights reserved</p> <p>Copyright (c) 2009, 2019 Oracle and/or its affiliates. All rights reserved</p> <p>Copyright (c) 2012, 2018 Oracle and/or its affiliates. All rights reserved</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Copyright (c) 2014, 2018 Oracle and/or its affiliates. All rights reserved</p> <p>Copyright (c) 2015, 2019 Oracle and/or its affiliates. All rights reserved</p> <p>Copyright (c) 2009, 2020 Jason Mehrens. All rights reserved</p> <p>Copyright (c) 2019 Oracle and/or its affiliates. All rights reserved</p> <p>Copyright (c) 1997, 2020 Oracle and/or its affiliates. All rights reserved</p> <p>Copyright (c) 2013, 2018 Jason Mehrens. All rights reserved</p> <p>Copyright (c) 2013, 2019 Jason Mehrens. All rights reserved</p> <p>Copyright © 2017</p> <p>Copyright (c) 2012, 2019 Oracle and/or its affiliates. All rights reserved</p> <p>Copyright (c) 1997, 2019 Oracle and/or its affiliates. All rights reserved</p> <p>Copyright (c) 2005, 2019 Oracle and/or its affiliates. All rights reserved</p> <p>Copyright (c) 2008, 2018 Oracle and/or its affiliates. All rights reserved</p> <p>Copyright (c) 2009, 2019 Jason Mehrens. All rights reserved</p> <p>Copyright (c) 2013, 2018 Oracle and/or its affiliates. All rights reserved</p> <p>Copyright (c) 1997, 2018 Oracle and/or its affiliates. All rights reserved</p> <p>Copyright (c) 2010, 2018 Oracle and/or its affiliates. All rights reserved</p> <p>Copyright (c) 2014, 2019 Oracle and/or its affiliates. All rights reserved</p> <p>Jnr-posix</p> <p>(C) 2014-2017 Vitaly Puzrin and Andrey Tupitsin</p> <p>Copyright (C) 2007 Thomas E Enebo</p> <p>Copyright (c) 2013, 2018, Oracle and/or its affiliates. All rights reserved</p> <p>Copyright jQuery Foundation and other contributors */;</p> <p>( function( factory ) { if ( type of</p> <p>define === "function" &amp;&amp; define.amd ) {</p> <p>(C) 1995-2013 Jean-loup Gailly and Mark Adler</p> <p>Copyright (C) 2007</p> <p>Copyright jQuery Foundation and other contributors</p> <p>Copyright JS Foundation and other contributors</p> <p>Copyright (C) 2007 Charles O Nutter</p> <p>Copyright (C) 2008 JRuby Community</p> <p>Copyright (c) 2015, 2018, Oracle and/or its affiliates. All rights reserved</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>=====</p> <p>=====</p> <p>=====</p> <p>GNU Lesser General Public License v2.1 or later:-</p> <p>jakarta.mail</p> <p>Copyright (c) 2013, 2019 Oracle and/or its affiliates. All rights reserved</p> <p>Copyright (c) 2009, 2020 Oracle and/or its affiliates. All rights reserved</p> <p>Copyright (c) 2015, 2018 Jason Mehrens. All rights reserved</p> <p>Copyright (c) 2009, 2019 Oracle and/or its affiliates. All rights reserved</p> <p>Copyright (c) 2012, 2018 Oracle and/or its affiliates. All rights reserved</p> <p>Copyright (c) 2014, 2018 Oracle and/or its affiliates. All rights reserved</p> <p>Copyright (c) 2015, 2019 Oracle and/or its affiliates. All rights reserved</p> <p>Copyright (c) 2009, 2020 Jason Mehrens. All rights reserved</p> <p>Copyright (c) 2019 Oracle and/or its affiliates. All rights reserved</p> <p>Copyright (c) 1997, 2020 Oracle and/or its affiliates. All rights reserved</p> <p>Copyright (c) 2013, 2018 Jason Mehrens. All rights reserved</p> <p>Copyright (c) 2013, 2019 Jason Mehrens. All rights reserved</p> <p>Copyright © 2017</p> <p>Copyright (c) 2012, 2019 Oracle and/or its affiliates. All rights reserved</p> <p>Copyright (c) 1997, 2019 Oracle and/or its affiliates. All rights reserved</p> <p>Copyright (c) 2005, 2019 Oracle and/or its affiliates. All rights reserved</p> <p>Copyright (c) 2008, 2018 Oracle and/or its affiliates. All rights reserved</p> <p>Copyright (c) 2009, 2019 Jason Mehrens. All rights reserved</p> <p>Copyright (c) 2013, 2018 Oracle and/or its affiliates. All rights reserved</p> <p>Copyright (c) 1997, 2018 Oracle and/or its affiliates. All rights reserved</p> <p>Copyright (c) 2010, 2018 Oracle and/or its affiliates. All rights reserved</p> <p>Copyright (c) 2014, 2019 Oracle and/or its affiliates. All rights reserved</p> <p>jcifs-1.3.18-kohsuke</p> <p>Copyright (C) 2006 "Michael B. Allen"</p> <p>Copyright (c) 1996 Widget Workshop, Inc. All Rights Reserved</p> <p>Copyright (c) 2003 Michael B. Allen</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Copyright (C) 2003 "Eric Glass"</p> <p>Copyright (C) 1996 by Wolfgang Platzer// email: wplatzer@iaik.tu-graz.ac.at//// All rights reserved</p> <p>Copyright (C) 2009 "Michael B. Allen"</p> <p>Copyright (C) 1996 by Jef Poskanzer . All rights reserved</p> <p>Copyright (C) 2004 "Michael B. Allen"</p> <p>Copyright (C) 2005 "Michael B. Allen"</p> <p>Copyright (C) 2008 "Michael B. Allen"</p> <p>Copyright (C) 2009 "Michael B Allen"</p> <p>Copyright (C) 2002 "Michael B. Allen"</p> <p>Copyright (c) 1997 Systemics Ltd * on behalf of the Cryptix Development Team. All rights reserved</p> <p>Copyright (C) 2007 "Michael B. Allen"</p> <p>Copyright (C) 2000 "Michael B. Allen"</p> <p>Copyright (C) 2003 "Michael B. Allen"</p> <p>jcommon</p> <p>(C) Copyright 2004, 2005, 2007, by Object Refinery Limited.<br/>* * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): -;</p> <p>copyright; /** Other info about the application. private String info; /** The project logo. */ private Image logo;</p> <p>(C) Copyright 2004, 2008, by Object Refinery Limited and Contributors. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): -;</p> <p>(C) Copyright 2002-2004, by Object Refinery Limited. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): -;</p> <p>(C) Copyright 2004, by Object Refinery Limited. * * Original Author: Thomas Morgner; * Contributor(s): David Gilbert (for Object Refinery Limited);</p> <p>(C) Copyright 2001-2004, by Thomas Morgner. * * Original Author: Thomas Morgner; * Contributor(s): -;</p> <p>(C) Copyright 2003, by Thomas Morgner and Contributors. * * Original Author: Thomas Morgner; * Contributor(s): -;</p> <p>(C) Copyright 2003, 2004, by Object Refinery Limited and Contributors. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): -;</p> <p>(C) Copyright 2000-2003, by Object Refinery Limited and Contributors. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): -;</p> <p>(C) Copyright 2000-2013, by Object Refinery Limited and Contributors. * * Project Info: <a href="http://www.jfree.org/jcommon/index.html">http://www.jfree.org/jcommon/index.html</a></p> <p>(C) Copyright 2001-2003, by Object Refinery Limited. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): -;</p> <p>(C) Copyright 2002-2005, by Object Refinery Limited. * * Original Author: Peter Becker; * Contributor(s): -;</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>(C) Copyright 2000-2004, by Andrzej Porebski. * * Original Author: Andrzej Porebski; * Contributor(s): -;</p> <p>(C) Copyright 2003-2013, by Object Refinery Limited and Contributors. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): -;</p> <p>(C) Copyright 2001-2006, by Object Refinery Limited. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): -;</p> <p>(C) Copyright 2004, by Thomas Morgner and Contributors. * * Original Author: Thomas Morgner; * Contributor(s): David Gilbert (for Object Refinery Limited);</p> <p>Copyright © 2001</p> <p>(C) Copyright 2000-2008, by Andrzej Porebski. * * Original Author: Andrzej Porebski; * Contributor(s): Arnaud Lelievre;</p> <p>(C) Copyright 2003-2011, by Object Refinery Limited. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): Ryan Hirrlinger (Patch 2999449);</p> <p>(C) Copyright 2000-2005, by Object Refinery Limited and Contributors. * * Project Info: <a href="http://www.jfree.org/jcommon/index.html">http://www.jfree.org/jcommon/index.html</a></p> <p>(C) Copyright 2000-2006, by Object Refinery Limited and Contributors. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): -;</p> <p>copyright the project copyright statement. */</p> <p>copyright a copyright statement. * @param licenceName the name of the licence that applies to the project. * @param licenceText the text of the licence that applies to the project.</p> <p>(C) Copyright 2000-2005, by Object Refinery Limited. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): -;</p> <p>(C) Copyright 2002-2006, by Object Refinery Limited. */</p> <p>(C) Copyright 2003-2005, by Object Refinery Limited. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): -;</p> <p>copyright = copyright; }</p> <p>(C) Copyright 2002, 2003, by Object Refinery Limited. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): -;</p> <p>Copyright(copyright); }</p> <p>(C) Copyright 2003-2008, by Object Refinery Limited. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): -;</p> <p>(C) Copyright 2000-2005, by Object Refinery Limited. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): Arik Levin;</p> <p>(C) Copyright 2004-2014, by Object Refinery Limited and Contributors. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): Brian Fischer;</p> <p>(C) Copyright 2000-2011, by Object Refinery Limited and Contributors. * * Project Info: <a href="http://www.jfree.org/jcommon/index.html">http://www.jfree.org/jcommon/index.html</a></p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>(C) Copyright 2003-2013, by Object Refinery Limited. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): -;</p> <p>(C) Copyright 2000-2004, by Nobuo Tamemasa and Contributors. * * Original Author: Nobuo Tamemasa; * Contributor(s): David Gilbert (for Object Refinery Limited); * Gareth D</p> <p>(C) Copyright 2000-2008, by Andrzej Porebski and Contributors. * * Original Author: Andrzej Porebski; * Contributor(s): David Gilbert (for Object Refinery Limited); * Arna</p> <p>(C) Copyright 2000-2006, by Object Refinery Limited and Contributors. * * Project Info: <a href="http://www.jfree.org/jcommon/index.html">http://www.jfree.org/jcommon/index.html</a></p> <p>(C) Copyright 2001-2005, by Object Refinery Limited. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): -;</p> <p>copyright the copyright statement.</p> <p>(C) Copyright 2000-2007, by Object Refinery Limited and Contributors. * * Project Info: <a href="http://www.jfree.org/jcommon/index.html">http://www.jfree.org/jcommon/index.html</a></p> <p>(C) Copyright 2000-2008, by Object Refinery Limited. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): -;</p> <p>(C) Copyright 2000-2009, by Object Refinery Limited and Contributors. * * Project Info: <a href="http://www.jfree.org/jcommon/index.html">http://www.jfree.org/jcommon/index.html</a></p> <p>(C) Copyright 2002-2004, by Object Refinery Limited. * * Original Author: David Gilbert (for Object Refinery Limited); * Polish translation: Krzysztof Paz (kpaz@samorząd.pw.edu.pl); * Fix</p> <p>(C) Copyright 2000-2008, by Object Refinery Limited and Contributors. * * Project Info: <a href="http://www.jfree.org/jcommon/index.html">http://www.jfree.org/jcommon/index.html</a></p> <p>(C) Copyright 2003-2007, by Object Refinery Limited. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): -;</p> <p>Copyright()); result.append("\n"); result.append("\n"); result.append("For terms of use, see the licence below.\n"); result.append("\n"); result.append("F</p> <p>(C) Copyright 2001-2004, by Object Refinery Limited. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): -;</p> <p>(C) Copyright 2004, 2005, by Object Refinery Limited. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): -;</p> <p>(C) Copyright 2002-2004, by Object Refinery Limited. * * Original Author: Thomas Meier; * Contributor(s): David Gilbert (for Object Refinery Limited);</p> <p>Copyright(resources.getString("project.copyright")); setLicenceName("LGPL"); setLicenceText(Licences.getInstance().getLGPL());</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>copyright the copyright statement. * @param info other info. *<br/>         @param logo an optional logo. */ public AboutPanel(final<br/>         String application, final Strin</p> <p>(C) Copyright 2002-2014, by Object Refinery Limited. * *<br/>         Original Author: David Gilbert (for Object Refinery Limited); *<br/>         Contributor(s): -;</p> <p>Copyright (C) 1991, 1999 Free Software Foundation, Inc.<br/>         copyright = copyright; this.info = info; this.logo = logo;<br/>         this.contributors = contributors; this.licence = licence; final<br/>         String baseName = "org.jfree.u</p> <p>(C) Copyright 2000-2011, by Object Refinery Limited and<br/>         Contributors. * * Project Info: <a href="http://www.jfree.org/jcommon/index.html">http://www.jfree.org/jcommon/<br/>         index.html</a></p> <p>(C) Copyright 2000-2014, by Object Refinery Limited and<br/>         Contributors. * * Project Info: <a href="http://www.jfree.org/jcommon/index.html">http://www.jfree.org/jcommon/<br/>         index.html</a></p> <p>(C) Copyright 2001-2013, by Object Refinery Limited. * *<br/>         Original Author: David Gilbert (for Object Refinery Limited); *<br/>         Contributor(s): -;</p> <p>copyright the copyright statement. * @param info other info.<br/>         */ public AboutPanel(final String application, final String<br/>         version, final</p> <p>(C) Copyright 2000-2005, by Object Refinery Limited; * *<br/>         Original Author: David Gilbert (for Object Refinery Limited); *<br/>         Contributor(s): -;</p> <p>(C) Copyright 2003-2005, by Object Refinery Limited and<br/>         Contributors. * * Original Author: Thomas Morgner; *<br/>         Contributor(s): David Gilbert (for Object Refinery Limited);</p> <p>(C) Copyright 2003-2005, by Thomas Morgner and<br/>         Contributors. * * Original Author: Thomas Morgner; *<br/>         Contributor(s): David Gilbert (for Object Refinery Limited);</p> <p>(C) Copyright 2000-2004, by Object Refinery Limited. * *<br/>         Original Author: David Gilbert (for Object Refinery Limited); *<br/>         Contributor(s): -;</p> <p>(C) Copyright 2000-2009, by Object Refinery Limited. * *<br/>         Original Author: David Gilbert (for Object Refinery Limited); *<br/>         Contributor(s): -;</p> <p>(C) Copyright 2000-2009, by Object Refinery Limited. * *<br/>         Original Author: David Gilbert (for Object Refinery Limited); *<br/>         Contributor(s): Dirk Zeitz;</p> <p>(C) Copyright 2002-2004, by Object Refinery Limited. * *<br/>         Original Author: David Gilbert (for Object Refinery Limited); *<br/>         Contributor(s): Hans-Jurgen Greiner;</p> <p>(C) Copyright 2002-2008, by Object Refinery Limited. * *<br/>         Original Author: David Gilbert (for Object Refinery Limited); *<br/>         Contributor(s): -;</p> <p>(C) Copyright 2000-2004, by Nobuo Tamemasa and<br/>         Contributors. * * Original Author: Nobuo Tamemasa; *<br/>         Contributor(s): David Gilbert (for Object Refinery Limited);</p> <p>(C) Copyright 2000-2005, by Object Refinery Limited. * *<br/>         Original Author: David Gilbert (for Object Refinery Limited); *<br/>         Contributor(s): Jon Iles;</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Copyright (C) 2013 David Gilbert</p> <p>(C) Copyright 2002-2011, by Object Refinery Limited. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): -;</p> <p>(C) Copyright 2000-2004, by Nabuo Tamemasa and Contributors. * * Original Author: Nabuo Tamemasa; * Contributor(s): David Gilbert (for Object Refinery Limited);</p> <p>(C) Copyright 2003, 2004, by Object Refinery Limited. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): -;</p> <p>(C) Copyright 2005, by Object Refinery Limited. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): -;</p> <p>(C) Copyright 2000-2003, by Object Refinery Limited. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): -;</p> <p>(C) Copyright 2002-2005, by Object Refinery Limited. * * Original Author: Thomas Morgner; * Contributor(s): -;</p> <p>copyright the copyright notice. * @param licence the licence. * @param contributors a list of developers/contributors. * @param project info about the project. */ publ</p> <p>Copyright (C) 1989, 1991 Free Software Foundation, Inc.,</p> <p>(C) Copyright 2000-2004, by Object Refinery Limited and Contributors. * * Original Author: Christian W. Zuckschwerdt; * Contributor(s): David Gilbert (for Object Refinery Limited);</p> <p>(C) Copyright 2002-2005, by Object Refinery Limited. * * Original Author: Thomas Morgner (for Object Refinery Limited); * Contributor(s): -;</p> <p>(C) Copyright 2002-2006, by Object Refinery Limited. * * Original Author: Thomas Morgner; * Contributor(s): -;</p> <p>(C) Copyright 2003, 2004, by Bryan Scott (for Australian Antarctic Division). * * Original Author: Bryan Scott (for Australian Antarctic Division); * Contributor(s): David Gilbert (for Object</p> <p>(C) Copyright 2000-2008, by Object Refinery Limited. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): Arnaud Lelievre;</p> <p>(C) Copyright 2002-2005, by Thomas Morgner and Contributors. * * Original Author: Thomas Morgner; * Contributor(s): -;</p> <p>(C) Copyright 2004, by Object Refinery Limited. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): -;</p> <p>(C) Copyright 2000-2006, by Object Refinery Limited and Contributors.</p> <p>(C) Copyright 2003, by Thomas Morgner and Contributors. * * Original Author: Thomas Morgner; * Contributor(s): David Gilbert (for Object Refinery Limited);</p> <p>(C) Copyright 2000-2005, by Object Refinery Limited and Contributors. * * Project Info: <a href="http://www.jfree.org/jcommon/index.html">http://www.jfree.org/jcommon/index.html</a></p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>(C) Copyright 2002-2005, by Object Refinery Limited. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): -;</p> <p>(C) Copyright 2004, 2005, by Object Refinery Limited and Contributors. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): -;</p> <p>copyright; /** A list of libraries used by the project. private List libraries; private List optionalLibraries;</p> <p>Copyright(info.getCopyright());<br/>setLicenceName(info.getLicenceName());<br/>setLicenceText(info.getLicenceText());</p> <p>(C) Copyright 2001-2008, by Object Refinery Limited. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): -;</p> <p>Copyright(final String copyright)<br/>copyright string.</p> <p>copyright the copyright notice. * @param licence the licence.<br/>* @param contributors a list of developers/contributors. *<br/>@param libraries a list of libraries. */ priva</p> <p>jfreechart</p> <p>(C) Copyright 2001-2008, by Object Refinery Limited and Contributors. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): -;</p> <p>(C) Copyright 2002-2009, by Object Refinery Limited. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): -;</p> <p>(C) Copyright 2002-2013, by Object Refinery Limited and Contributors. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): Richard Atkinson; * C</p> <p>(C) Copyright 2002-2008, by Object Refinery Limited and Contributors. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): Alex Weber;</p> <p>(C) Copyright 2000-2008, by Object Refinery Limited. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): Arnaud Lelievre; * Daniel Gredler;</p> <p>(C) Copyright 2003-2014, by David Browning and Contributors. * * Original Author: David Browning (for the Australian Institute of Marine * Science); * Contributor(s): David Gi</p> <p>(C) Copyright 2002-2013, by Object Refinery Limited and Contributors. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): Peter Kolb (patch 2809117);</p> <p>(C) Copyright 2008, by Object Refinery Limited. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): -;</p> <p>(C) Copyright 2004-2014, by Object Refinery Limited. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): Christoph Beck (bug 2121818);</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>(C) Copyright 2006-2014, by Object Refinery Limited. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): -;</p> <p>(C) Copyright 2001-2008, by Object Refinery Limited. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): Sam (oldman);</p> <p>(C) Copyright 2005-2013, by Object Refinery Limited. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): Nicolas Brodu;</p> <p>(C) Copyright 2007-2011, by Object Refinery Limited and Contributors. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): Andrew Mickish; * Pet</p> <p>(C) Copyright 2003-2013, by Object Refinery Limited. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): -;</p> <p>(C) Copyright 2007, 2008, by Object Refinery Limited. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): -;</p> <p>(C) Copyright 2001-2013, by Object Refinery Limited and Contributors. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): Aimin Han;</p> <p>(C) Copyright 2000-2014, by Object Refinery Limited. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): Nicolas Brodu;</p> <p>(C) Copyright 2002-2013, by Object Refinery Limited. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): Andreas Schroeder;</p> <p>(C) Copyright 2003-2013, by Jelai Wang and Contributors. * * Original Author: Jelai Wang (jelaiw AT mindspring.com); * Contributor(s): David Gilbert (for Object Refinery Limited); *</p> <p>(C) Copyright 2003-2012, by Object Refinery Limited. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): -;</p> <p>(C) Copyright 2002-2013, by the Australian Antarctic Division and * Contributors. * * Original Author: Bryan Scott (for the Australian Antarctic Division); * Contributor(s): David Gilbert (</p> <p>(C) Copyright 2011-2014 by DaveLaw and Contributors. * * Original Author: DaveLaw (dave ATT davelaw D0TT de); * Contributor(s): David Gilbert (for Object Refinery Limited);</p> <p>(C) Copyright 2002-2009, by Pascal Collet and Contributors. * * Original Author: Pascal Collet; * Contributor(s): David Gilbert (for Object Refinery Limited);</p> <p>Copyright(resources.getString("project.copyright"));<br/>setLogo(null); // load only when required<br/>setLicenceName("LGPL");<br/>setLicenceText(Licences.getInstance().getLGPL());</p> <p>(C) Copyright 2002-2014, by Richard Atkinson and Contributors. * * Original Author: Richard Atkinson; * Contributors: David Gilbert (for Object Refinery Limited); * Clel</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>(C) Copyright 2004-2013, by Object Refinery Limited. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): Pierre-Marie Le Biot;</p> <p>(C) Copyright 2007-2013, by Object Refinery Limited and Contributors. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): -;</p> <p>(C) Copyright 2000-2013, by Object Refinery and Contributors. * * Original Author: Tomer Peretz; * Contributor(s): Richard Atkinson; * David Gilbert (for Object Refinery L</p> <p>(C) Copyright 2001-2014, by Object Refinery Limited. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): Richard Atkinson; * Christian W. Z</p> <p>(C) Copyright 2004-2014, by Object Refinery Limited and Contributors. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): -;</p> <p>(C) Copyright 2003-2009, by Richard Atkinson and Contributors. * * Original Author: Richard Atkinson; * Contributors: David Gilbert (for Object Refinery Limited); * Fawa</p> <p>(C) Copyright 2007, 2008, by David Forslund and Contributors. * * Original Author: David Forslund; * Contributor(s): David Gilbert (for Object Refinery Limited);</p> <p>(C) Copyright 2007, 2008 by Object Refinery Limited and Contributors. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): -;</p> <p>(C) Copyright 2002-2014, by David M. O * * Original Author: David M. O'Donnell; * Contributor(s): David Gilbert (for Object Refinery Limited); * Arnaud Lelievre; *</p> <p>(C) Copyright 2000-2013, by Object Refinery Limited and Contributors. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): Laurence Vanhelsuwe; *</p> <p>(C) Copyright 2001-2009, by Bill Kelemen and Contributors. * * Original Author: Bill Kelemen; * Contributor(s): Sylvain Vieujot; * David Gilbert (for Object Refinery Limit</p> <p>(C) Copyright 2003-2014, by Paolo Cova and Contributors. * * Original Author: Paolo Cova; * Contributor(s): David Gilbert (for Object Refinery Limited); * Christian W. Zuc</p> <p>(C) Copyright 2001-2009, by Object Refinery Limited and Contributors. * * Original Author: Mark Watson (www.markwatson.com); * Contributor(s): David Gilbert (for Object Refinery Limited);</p> <p>(C) Copyright 2009-2013, by Object Refinery Limited and Contributors. * * Original Author: Peter Kolb; * Contributor(s): ;</p> <p>(C) Copyright 2001-2011, by Object Refinery Limited and Contributors. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): Mark Watson (www.markwatson.com); *</p> <p>(C) Copyright 2002-2014, by Object Refinery Limited. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): -;</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>(C) Copyright 2002-2014, by Object Refinery Limited. ** Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): Peter Kolb (patch 2795746);</p> <p>(C) Copyright 2009-2013 by Object Refinery Limited and Contributors. ** Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): -;</p> <p>(C) Copyright 2003-2013, by Object Refinery Limited and Contributors. ** Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): Mike Harris; * Peter</p> <p>(C) Copyright 2000-2013, by Bryan Scott and Contributors. * * Original Author: Bryan Scott (based on MeterPlot by Hari). * Contributor(s): David Gilbert (for Object Refinery Limited). *</p> <p>(C) Copyright 2003-2008, by David Browning and Contributors. ** Original Author: David Browning (for Australian Institute of Marine * Science); * Contributor(s): David Gi</p> <p>(C) Copyright 2003-2008, by Object Refinery Limited and Contributors. ** Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): -;</p> <p>(C) Copyright 2001-2013, by Object Refinery Limited. ** Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): -;</p> <p>(C) Copyright 2005-2014, by Object Refinery Limited and Contributors. ** Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): -;</p> <p>(C) Copyright 2002-2013, by Object Refinery Limited and Contributors. ** Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): Peter Kolb (patch 2809117); *</p> <p>(C) Copyright 2003-2013, by Object Refinery Limited and Contributors. ** Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): -;</p> <p>(C) Copyright 2004-2013, by Richard Atkinson and Contributors. ** Original Author: Richard Atkinson; * Contributor(s): David Gilbert (for Object Refinery Limited);</p> <p>(C) Copyright 2008-2014, by Object Refinery Limited. ** Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): -;</p> <p>(C) Copyright 2000-2014, by Object Refinery Limited and Contributors. ** Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): Andrzej Porebski (bug fix); *</p> <p>(C) Copyright 2004-2013, by Object Refinery Limited. ** Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): Peter Kolb (patch 2809117);</p> <p>(C) Copyright 2003-2014, by Object Refinery Limited. ** Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): Nicolas Brodu;</p> <p>(C) Copyright 2007, 2008, by Richard West and Contributors. ** Original Author: Richard West, Advanced Micro Devices, Inc.; * Contributor(s): David Gilbert (for Object Refinery Limited);</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>(C) Copyright 2007-2013, by Object Refinery Limited. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): Peter Kolb - see patch 2686872;</p> <p>(C) Copyright 2002-2014, by Object Refinery Limited and Contributors. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): Chuanhao Chiu; *</p> <p>(C) Copyright 2002-2008, by Object Refinery Limited and Contributors. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): -;</p> <p>(C) Copyright 2005-2013, by Object Refinery Limited and Contributors. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): Peter Kolb (see patch 2809117);</p> <p>(C) Copyright 2006, 2009, by Object Refinery Limited. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): -;</p> <p>(C) Copyright 2005-2013, by Object Refinery Limited. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): Peter Kolb (patch 2809117);</p> <p>(C) Copyright 2006-2009, by Object Refinery Limited and Contributors. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): -;</p> <p>(C) Copyright 2007-2013, by Object Refinery Limited. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): -;</p> <p>(C) Copyright 2004-2013, by Object Refinery Limited. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): -;</p> <p>(C) Copyright 2003-2008, by Barak Naveh and Contributors. * * Original Author: Barak Naveh; * Contributor(s): David Gilbert (for Object Refinery Limited); * Zhitao Wang;</p> <p>(C) Copyright 2003-2014, by Richard Atkinson and Contributors. * * Original Author: Richard Atkinson; * Contributor(s): Jody Brownell; * David Gilbert (for Object Refinery</p> <p>(C) Copyright 2000-2013, by David Berry and Contributors. * * Original Author: David Berry; * Contributor(s): David Gilbert (for Object Refinery Limited); * Nicolas Brodu;</p> <p>(C) Copyright 2005-2008, by Object Refinery Limited. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): Arnaud Lelievre; * Daniel Gredler;</p> <p>(C) Copyright 2003-2013, by Object Refinery Limited. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): Christian W. Zuckschwerdt;</p> <p>(C) Copyright 2001-2012, by Object Refinery Limited and Contributors. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): Chris Boek;</p> <p>(C) Copyright 2003-2013, by Richard Atkinson and Contributors. * * Original Author: Richard Atkinson; * Contributors: David Gilbert (for Object Refinery Limited); * Fawa</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>(C) Copyright 2001-2012, by Object Refinery Limited. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): -;</p> <p>(C) Copyright 2006-2013, by Object Refinery Limited; * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): -;</p> <p>(C) Copyright 2004-2014, by Andreas Schroeder and Contributors. * * Original Author: Andreas Schroeder; * Contributor(s): David Gilbert (for Object Refinery Limited); * Ro</p> <p>(C) Copyright 2001-2008, by Anthony Boulestreau and Contributors. * * Original Author: Anthony Boulestreau; * Contributor(s): David Gilbert (for Object Refinery Limited);</p> <p>(C) Copyright 2005-2013, by Object Refinery Limited. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): -;</p> <p>(C) Copyright 2007-2014, by Object Refinery Limited and Contributors. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): -;</p> <p>(C) Copyright 2008-2014, by Object Refinery Limited. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): -;</p> <p>(C) Copyright 2008, by Object Refinery Limited and Contributors. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): -;</p> <p>(C) Copyright 2000-2014, by Serge V. Grachov and Contributors. * * Original Author: Serge V. Grachov; * Contributor(s): David Gilbert (for Object Refinery Limited); * Rich</p> <p>Copyright © 2001</p> <p>(C) Copyright 2003-2013, by Object Refinery Limited. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): Benoit Xhenseval;</p> <p>(C) Copyright 2004-2013, by Object Refinery Limited. * * Original Author: David Gilbert; * Contributor(s): Adriaan Joubert;</p> <p>(C) Copyright 2003-2014, by Object Refinery Limited. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): -;</p> <p>(C) Copyright 2013, by Object Refinery Limited and Contributors. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): -;</p> <p>(C) Copyright 2002-2008, by Object Refinery Limited and Contributors. * * Original Author: Thomas Meier; * Contributor(s): David Gilbert (for Object Refinery Limited);</p> <p>(C) Copyright 2001-2014, by Object Refinery Limited. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): Bryan Scott; * Nick Guenther;</p> <p>(C) Copyright 2011-2013, by Object Refinery Limited. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): -;</p> <p>(C) Copyright 2003-2014, by David Browning and Contributors. * * Original Author: David Browning (for</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Australian Institute of Marine * Science); * Contributor(s): David Gi</p> <p>(C) Copyright 2009, 2011 by Object Refinery Limited and Contributors. * * Original Author: Peter Kolb (see patch 2809117); * Contributor(s) ;</p> <p>(C) Copyright 2008-2013, by Object Refinery Limited. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s) :-;</p> <p>(C) Copyright 2002-2013, by Richard Atkinson and Contributors. * * Original Author: Richard Atkinson; * Contributor(s): J?rgen Hoffman; * David Gilbert (for Object Refiner</p> <p>(C) Copyright 2000-2014, by Object Refinery Limited and Contributors. * * Original Author: David Gilbert; * Contributor(s): Jonathan Nash; * David Li; *</p> <p>(C) Copyright 2000-2014, by Object Refinery Limited and Contributors. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): Jonathan Nash; *</p> <p>(C) Copyright 2005-2008, by Object Refinery Limited. * * Original Author: Thomas Morgner; * Contributor(s): David Gilbert (for Object Refinery Limited);</p> <p>(C) Copyright 2007-2014, by Christo Zietsman and Contributors. * * Original Author: Christo Zietsman; * Contributor(s): David Gilbert (for Object Refinery Limited);</p> <p>(C) Copyright 2003-2008, by Object Refinery Limited. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s) :-;</p> <p>(C) Copyright 2004-2013, by Solution Engineering, Inc. and Contributors. * * Original Author: Daniel Bridenbecker, Solution Engineering, Inc.; * Contributor(s): David Gilbert (for Object Refiner</p> <p>(C) Copyright 2002-2008, by Object Refinery Limited and Contributors. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): Hans-Jurgen Greiner;</p> <p>(C) Copyright 2000-2014, by David Berry and Contributors. * * Original Author: David Berry; * Contributor(s): David Gilbert (for Object Refinery Limited);</p> <p>(C) Copyright 2000-2014, by Object Refinery Limited and Contributors. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): Craig MacFarlane; * M</p> <p>(C) Copyright 2003-2013, by Object Refinery Limited. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): Peter Kolb (see patch 2809117);</p> <p>(C) Copyright 2007, 2008, by Object Refinery Limited and Contributors. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s) :-;</p> <p>(C) Copyright 2004-2008, by Object Refinery Limited and Contributors. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s) :-;</p> <p>(C) Copyright 2004-2013, by Object Refinery Limited and Contributors. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s) :-;</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>(C) Copyright 2011, by Object Refinery Limited. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): -;</p> <p>(C) Copyright 2006-2014, by Object Refinery Limited and Contributors. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): Michael Siemer;</p> <p>(C) Copyright 2001-2013, by Object Refinery Limited and Contributors. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): Aaron Metzger;</p> <p>(C) Copyright 2003-2009, by Object Refinery Limited. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): -;</p> <p>(C) Copyright 2004-2014, by Object Refinery Limited. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): Peter Kolb (patch 2511330);</p> <p>(C) Copyright 2002-2009, by Object Refinery Limited and Contributors. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): Peter Kolb (patch 2809117);</p> <p>(C) Copyright 2004-2013, by Solution Engineering, Inc. and Contributors. * * Original Author: Daniel Bridenbecker, Solution Engineering, Inc.; * Contributor(s): David Gilbert (for Object Refi</p> <p>(C) Copyright 2002-2008, by Richard Atkinson and Contributors. * * Original Author: Richard Atkinson; * Contributors: David Gilbert (for Object Refinery Limited);</p> <p>(C) Copyright 2002-2008, by the Australian Antarctic Division and * Contributors. * * Original Author: Bryan Scott (for the Australian Antarctic Division); * Contribu</p> <p>(C) Copyright 2003-2010, by Object Refinery Limited. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): -;</p> <p>(C) Copyright 2000-2013, by Object Refinery Limited and Contributors. * * Project Info: <a href="http://www.jfree.org/jfreechart/index.html">http://www.jfree.org/jfreechart/index.html</a></p> <p>(C) Copyright 2009, by Object Refinery Limited and Contributors. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): -;</p> <p>(C) Copyright 2002-2011, by Pascal Collet and Contributors. * * Original Author: Pascal Collet; * Contributor(s): David Gilbert (for Object Refinery Limited);</p> <p>(C) Copyright 2005-2009, Object Refinery Limited and Contributors. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): Arnaud Lelievre;</p> <p>(C) Copyright 2000-2014, by David Berry and Contributors; * * Original Author: David Berry; * Contributor(s): David Gilbert (for Object Refinery Limited);</p> <p>(C) Copyright 2003-2013, by Object Refinery Limited and Contributors. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): Nick Guenther;</p> <p>(C) Copyright 2000-2014, by Andrzej Porebski and Contributors. * * Original Author: Andrzej Porebski; *</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Contributor(s): David Gilbert (for Object Refinery Limited); * Mart</p> <p>(C) Copyright 2003-2009, by Object Refinery Limited. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): -;</p> <p>(C) Copyright 2002-2014, by Object Refinery Limited. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): Nicolas Brodu;</p> <p>(C) Copyright 2009-2013, by Object Refinery Limited. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): -;</p> <p>(C) Copyright 2006-2008, by Object Refinery Limited and Contributors. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): -;</p> <p>(C) Copyright 2000-2014, by Object Refinery Limited and Contributors. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): Richard Atkinson; *</p> <p>(C) Copyright 2006-2011, by Object Refinery Limited and Contributors. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): -;</p> <p>Copyright (c) 2014, Object Refinery Limited. * All rights reserved</p> <p>(C) Copyright 2005-2014, by Object Refinery Limited and Contributors. * * Original Author: David Gilbert; * Contributor(s): Andrzej Porebski; * Arnaud Lelievre;</p> <p>(C) Copyright 2004-2014, by Hari and Contributors. * * Original Author: Hari (ourhari@hotmail.com); * Contributor(s): David Gilbert (for Object Refinery Limited); * Richard At</p> <p>(C) Copyright 2003-2014, by Nicolas Brodu and Contributors. * * Original Author: Nicolas Brodu; * Contributor(s): David Gilbert (for Object Refinery Limited);</p> <p>(C) Copyright 2002-2014, by Object Refinery Limited. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): Christian W. Zuckschwerdt;</p> <p>(C) Copyright 2007-2013, by David Forslund and Contributors. * * Original Author: David Forslund; * Contributor(s): David Gilbert (for Object Refinery Limited);</p> <p>(C) Copyright 2005-2013, by David Gilbert and Contributors. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): Eric Penfold (patch 2006826);</p> <p>(C) Copyright 2005-2014, by Heaps of Flavour Pty Ltd and Contributors. * * Company Info: <a href="http://www.i4-talent.com">http://www.i4-talent.com</a></p> <p>(C) Copyright 2002-2014, by Richard Atkinson and Contributors. * * Original Author: Richard Atkinson; * Contributor(s): David Gilbert (for Object Refinery Limited);</p> <p>(C) Copyright 2002-2014, by Pascal Collet and Contributors. * * Original Author: Pascal Collet; * Contributor(s): David Gilbert (for Object Refinery Limited); * Christian</p> <p>(C) Copyright 2002-2008, by the Australian Antarctic Division and * Contributors. * * Original Author: Bryan Scott (for the Australian Antarctic Division); * Contrib</p> <p>(C) Copyright 2003-2013, by Klaus Rheinwald and Contributors. * * Original Author: Klaus Rheinwald; *</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Contributor(s): Tin Luu, * David Gilbert (for Object Refinery Limited)</p> <p>(C) Copyright 2001-2014, by Bill Kelemen and Contributors. *<br/>* Original Author: Bill Kelemen; * Contributor(s): David Gilbert (for Object Refinery Limited); * Anthony Boulestr</p> <p>(C) Copyright 2014, by Object Refinery Limited and Contributors. ** Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): -;</p> <p>(C) Copyright 2001-2014, by Serge V. Grachov and Contributors. ** Original Author: Serge V. Grachov; * Contributor(s): David Gilbert (for Object Refinery Limited); * Tin</p> <p>(C) Copyright 2007-2014, by Object Refinery Limited and Contributors. ** Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): David Forslund; *</p> <p>(C) Copyright 2005-2008, by Object Refinery Limited. ** Original Author: Eric Thomas (www.isti.com); * Contributor(s): David Gilbert (for Object Refinery Limited);</p> <p>(C) Copyright 2004-2008, by Object Refinery Limited. ** Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): -;</p> <p>(C) Copyright 2002-2008, by Object Refinery Limited and Contributors. ** Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): Bill Kelemen;</p> <p>(C) Copyright 2004-2014, by Object Refinery Limited. ** Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): -;</p> <p>(C) Copyright 2006, 2007, by Object Refinery Limited. ** Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): -;</p> <p>(C) Copyright 2002-2014, by Object Refinery Limited. ** Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): Arnaud Lelievre; * Ulrich Voigt (patch</p> <p>(C) Copyright 2006-2013, by Object Refinery Limited. ** Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): Peter Kolb (patch 2809117);</p> <p>(C) Copyright 2005-2011, by Object Refinery Limited and Contributors. ** Original Author: Martin Hoeller (base on DefaultNumberAxisEditor * by David Gilbert); *</p> <p>(C) Copyright 2000-2014, by Object Refinery Limited and Contributors. ** Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): Andrzej Porebski; *</p> <p>(C) Copyright 2001-2009, by Bill Kelemen. ** Original Author: Bill Kelemen; * Contributor(s): -;</p> <p>(C) Copyright 2001-2013, by Object Refinery Limited. ** Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): Sam (oldman);</p> <p>(C) Copyright 2003-2009, by Object Refinery Limited. ** Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): Peter Kolb (patch 2497611);</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>(C) Copyright 2000-2014, by Object Refinery Limited and Contributors. * * Project Info: <a href="http://www.jfree.org/jfreechart/index.html">http://www.jfree.org/jfreechart/index.html</a></p> <p>(C) Copyright 2006-2008, by Object Refinery Limited. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): -;</p> <p>(C) Copyright 2014, by Object Refinery Limited. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): -;</p> <p>(C) Copyright 2002-2008, by Object Refinery Limited. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): -; * Polish translation: Krzysztof Pa? (kpaz@samorza</p> <p>(C) Copyright 2000-2014, by Object Refinery Limited. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): Chris Boek;</p> <p>(C) Copyright 2004-2014, by Tobias Selb and Contributors. * * Original Author: Tobias Selb (<a href="http://www.uepselon.com">http://www.uepselon.com</a>); * Contributor(s): David Gilbert (for Object Refinery Limited); *</p> <p>(C) Copyright 2002-2013, by Object Refinery Limited. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): Pierre-Marie Le Biot;</p> <p>(C) Copyright 2003-2014, by Object Refinery Limited and Contributors. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): ;</p> <p>(C) Copyright 2002-2014, by Anthony Boulestreau and Contributors. * * Original Author: Anthony Boulestreau; * Contributor(s): David Gilbert (for Object Refinery Limited);</p> <p>(C) Copyright 2006-2013, by Object Refinery Limited. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): -;</p> <p>(C) Copyright 2003-2013, by Object Refinery Limited. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): -;</p> <p>(C) Copyright 2004-2013, by Andreas Schroeder and Contributors. * * Original Author: Andreas Schroeder; * Contributor(s): David Gilbert (for Object Refinery Limited);</p> <p>(C) Copyright 2000-2013, by Object Refinery Limited. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): -;</p> <p>(C) Copyright 2007, 2008, by Sergei Ivanov and Contributors. * * Original Author: Sergei Ivanov; * Contributor(s): David Gilbert (for Object Refinery Limited);</p> <p>(C) Copyright 2001-2014, by Object Refinery Limited. * * Original Authors: David Gilbert (for Object Refinery Limited); * Sylvain Vieujot; * Contributor(s): Richard Atki</p> <p>(C) Copyright 2003-2014, by Arnaud Lelievre and Contributors. * * Original Author: Arnaud Lelievre (for Garden); * Contributor(s): David Gilbert (for Object Refinery Limited); *</p> <p>(C) Copyright 2009, by Object Refinery Limited and Contributors. * * Original Author: Ulrich Voigt - patch</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>2686040; * Contributor(s): David Gilbert (for Object Refinery Limited);</p> <p>(C) Copyright 2003-2014, by Object Refinery Limited and Contributors. ** Original Author: Darshan Shah; * Contributor(s): David Gilbert (for Object Refinery Limited);</p> <p>(C) Copyright 2001-2014, by Achilleus Mantzios and Contributors. ** Original Author: Achilleus Mantzios; * Contributor(s): David Gilbert (for Object Refinery Limited);</p> <p>(C) Copyright 2004-2014, by David Browning and Contributors. ** Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): -;</p> <p>(C) Copyright 2009-2014, by Object Refinery Limited. ** Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): -;</p> <p>(C) Copyright 2001-2008, by Object Refinery Limited. ** Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): Sylvain Vieujo;</p> <p>(C) Copyright 2002-2014, by Jeremy Bowman. ** Original Author: Jeremy Bowman; * Contributor(s): David Gilbert (for Object Refinery Limited); * Christian W. Zuckschwerdt;</p> <p>(C) Copyright 2009-2014 by Object Refinery Limited and Contributors. ** Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): Ulrich Voigt - patch 2686040; *</p> <p>(C) Copyright 2004-2012, by Richard Atkinson and Contributors. ** Original Author: Richard Atkinson; * Contributor(s): David Gilbert (for Object Refinery Limited);</p> <p>(C) Copyright 2006-2013, by Object Refinery Limited. ** Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): -;</p> <p>(C) Copyright 2004-2011, by Solution Engineering, Inc. and Contributors. ** Original Author: Daniel Bridenbecker, Solution Engineering, Inc.; * Contributor(s): David Gilbert (for Object Refiner</p> <p>(C) Copyright 2004-2008, by Richard Atkinson and Contributors. ** Original Author: Richard Atkinson; * Contributor(s): -;</p> <p>(C) Copyright 2007-2014, by Klaus Rheinwald and Contributors. ** Original Author: Klaus Rheinwald; * Contributor(s): Tobias von Petersdorff (tvp@math.umd.edu, * <a href="http://www">http://www</a></p> <p>(C) Copyright 2003-2013, by Object Refinery Limited. ** Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): Peter Kolb (patch 2809117);</p> <p>(C) Copyright 2004-2014, by Brian Cole and Contributors. ** Original Author: Brian Cole; * Contributor(s): David Gilbert (for Object Refinery Limited);</p> <p>(C) Copyright 2008, 2009, by Object Refinery Limited. ** Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): -;</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>(C) Copyright 2003-2014, by David Browning and Contributors. * * Original Author: David Browning; * Contributor(s): David Gilbert (for Object Refinery Limited);</p> <p>(C) Copyright 2001-2014, by Object Refinery Limited. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): -;</p> <p>(C) Copyright 2008, 2012 by Object Refinery Limited. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): -;</p> <p>(C) Copyright 2003-2008, by David Browning and Contributors. * * Original Author: David Browning (for Australian Institute of Marine * Science); * Contributor(s): -;</p> <p>(C) Copyright 2003-2014, by Bill Kelemen and Contributors. * * Original Author: Bill Kelemen; * Contributor(s): David Gilbert (for Object Refinery Limited);</p> <p>(C) Copyright 2004-2008, by Object Refinery Limited and Contributors. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): Rune Fauske;</p> <p>Copyright (c) 2005-2014, Object Refinery Limited. * All rights reserved</p> <p>(C) Copyright 2002-2013, by Jeremy Bowman and Contributors. * * Original Author: Jeremy Bowman; * Contributor(s): David Gilbert (for Object Refinery Limited);</p> <p>(C) Copyright 2005-2014, by Object Refinery Limited and Contributors. * * Original Author: Mofeed Shahin; * Contributor(s): David Gilbert (for Object Refinery Limited); *</p> <p>(C) Copyright 2002-2014, by Object Refinery Limited. * * Original Author: Tomer Peretz; * Contributor(s): David Gilbert (for Object Refinery Limited); * Christian W. Zucks</p> <p>(C) Copyright 2002-2008, by Richard Atkinson and Contributors. * * Original Author: Richard Atkinson; * Contributor(s): David Gilbert (for Object Refinery Limited);</p> <p>(C) Copyright 2008, by Diego Pierangeli and Contributors. * * Original Author: Diego Pierangeli; * Contributors: David Gilbert (for Object Refinery Limited);</p> <p>(C) Copyright 2000-2014, by Object Refinery Limited and Contributors. * * Original Author: Michael Duffy / Eric Thomas; * Contributor(s): David Gilbert (for Object Refinery Limited); *</p> <p>(C) Copyright 2001-2014, by Bill Kelemen and Contributors. * * Original Author: Bill Kelemen; * Contributor(s): David Gilbert (for Object Refinery Limited); * Anthony Boul</p> <p>(C) Copyright 2009, by Object Refinery Limited. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): -;</p> <p>(C) Copyright 2001-2013, by Object Refinery Limited. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): David Basten;</p> <p>(C) Copyright 2004-2008, by Object Refinery Limited. * * Original Author: David Gilbert (for Object Refinery Limited). * Contributor(s): -;</p> <p>(C) Copyright 2001-2013, by Object Refinery Limited and Contributors. * * Original Author: David Gilbert (for Object</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Refinery Limited); * Contributor(s): Mark Watson (www.markwatson.com); *</p> <p>(C) Copyright 2005-2008, by Object Refinery Limited. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): -;</p> <p>(C) Copyright 2002-2008, by Object Refinery Limited. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): -;</p> <p>(C) Copyright 2002-2014, by Hari and Contributors. * * Original Author: Hari (ourhari@hotmail.com); * Contributor(s): David Gilbert (for Object Refinery Limited); * Richard At</p> <p>(C) Copyright 2003-2014, by Sylvain Vieujo and Contributors. * * Original Author: Sylvain Vieujo; * Contributor(s): David Gilbert (for Object Refinery Limited); * Simon</p> <p>(C) Copyright 2004-2013, by Object Refinery Limited and Contributors. * * Original Author: Angel; * Contributor(s): David Gilbert (for Object Refinery Limited);</p> <p>(C) Copyright 2007, 2008, by Object Refinery Limited. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): -;</p> <p>(C) Copyright 2000-2014, by Hari and Contributors. * * Original Author: Hari (ourhari@hotmail.com); * Contributor(s): David Gilbert (for Object Refinery Limited); * Bob Or</p> <p>(C) Copyright 2006-2014, by Object Refinery Limited and Contributors. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): Andrew Mickish (patch 1868745); *</p> <p>(C) Copyright 2007-2009, by Object Refinery Limited. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): -;</p> <p>(C) Copyright 2000-2014, by Object Refinery Limited and Contributors. * * Project Info: <a href="http://www.jfree.org/jfreechart/index.html">http://www.jfree.org/jfreechart/index.html</a></p> <p>(C) Copyright 2004-2008, by David Basten and Contributors. * * Original Author: David Basten; * Contributors: -;</p> <p>(C) Copyright 2001-2014, by Object Refinery Limited and Contributors. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): Serge V. Grachov; *</p> <p>(C) Copyright 2004-2013, by Richard Atkinson and Contributors. * * Original Author: Richard Atkinson; * Contributor(s): David Gilbert (for Object Refinery Limited); * Fawa</p> <p>(C) Copyright 2005-2013, by Object Refinery Limited and Contributors. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): Sergei Ivanov;</p> <p>(C) Copyright 2003-2008, by Jelai Wang and Contributors. * * Original Author: Jelai Wang (jelaiw AT mindspring.com); * Contributor(s): David Gilbert (for Object Refinery Limited);</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>(C) Copyright 2003-2008, by Richard Atkinson and Contributors. * * Original Author: Richard Atkinson; * Contributors: David Gilbert (for Object Refinery Limited);</p> <p>(C) Copyright 2002-2013, by Richard Atkinson and Contributors. * * Original Author: Richard Atkinson; * Contributors: David Gilbert (for Object Refinery Limited);</p> <p>(C) Copyright 2001-2009, by Object Refinery Limited. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): -;</p> <p>(C) Copyright 2003-2008, by Object Refinery Limited. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): Jeremy Bowman;</p> <p>(C) Copyright 2003-2014, by Object Refinery Limited and Contributors. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): Richard West, Advanced Micro Devices,</p> <p>(C) Copyright 2003-2008, by Robert Redburn and Contributors. * * Original Author: Robert Redburn; * Contributor(s): David Gilbert (for Object Refinery Limited);</p> <p>(C) Copyright 2004-2013, by Object Refinery Limited. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): Brian Cabana (patch 1943021);</p> <p>(C) Copyright 2008-2014 by Andreas Haumer, xS * * Original Author: Martin Hoeller (x Software + Systeme xS+S - Andreas * Haumer); * Contributor(s): David Gilbert (for</p> <p>(C) Copyright 2004-2014, by Object Refinery Limited and Contributors. * * Original Author: David Gilbert (for Object Refinery Limited), based on * the StackedXYAreaRenderer cl</p> <p>(C) Copyright 2000-2014, by Object Refinery Limited and Contributors. * * Original Author: David Gilbert; * Contributor(s): Pady Srinivasan (patch 1217634); * Peter Kolb (</p> <p>(C) Copyright 2009-2013, by Object Refinery Limited and Contributors. * * Original Author: Peter Kolb (see patch 2809117); * Contributor(s): -;</p> <p>(C) Copyright 2003-2011, by Cameron Riley and Contributors. * * Original Author: Cameron Riley; * Contributor(s): David Gilbert (for Object Refinery Limited);</p> <p>(C) Copyright 2002-2008, by Object Refinery Limited. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): Richard Atkinson; * Christian W. Z</p> <p>(C) Copyright 2008-2013, by Object Refinery Limited and Contributors. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): Peter Kolb (patch 2809117);</p> <p>(C) Copyright 2004-2014, by Andreas Schroeder and Contributors. * * Original Author: Andreas Schroeder; * Contributor(s): David Gilbert (for Object Refinery Limited);</p> <p>(C) Copyright 2005-2008, by Object Refinery Limited. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): ;</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>(C) Copyright 2006-2014, by Object Refinery Limited. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): -;</p> <p>(C) Copyright 2002-2009, by Bryan Scott and Contributors. * * Original Author: Bryan Scott; * Contributor(s): David Gilbert (for Object Refinery Limited); * Eric Alexander</p> <p>(C) Copyright 2003-2013, by Object Refinery Limited and Contributors. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): -;</p> <p>(C) Copyright 2000-2008, Australian Antarctic Division and Contributors. * * Original Author: Bryan Scott. * Contributor(s): David Gilbert (for Object Refinery Limited); *</p> <p>(C) Copyright 2003-2014, by Richard Atkinson and Contributors. * * Original Author: Richard Atkinson; * Contributor(s): Christian W. Zuckschwerdt; * David Gilbert (for Obj</p> <p>(C) Copyright 2002-2014, by Richard Atkinson and Contributors. * * Original Author: Richard Atkinson; * Contributors: David Gilbert (for Object Refinery Limited);</p> <p>(C) Copyright 2000-2014, by Object Refinery Limited and Contributors. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): Bill Kelemen; * N</p> <p>(C) Copyright 2002-2013, by Object Refinery Limited. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): -;</p> <p>(C) Copyright 2002-2008, by Eduard Martinescu and Contributors. * * Original Author: Eduard Martinescu; * Contributor(s): David Gilbert (for Object Refinery Limited);</p> <p>(C) Copyright 2003-2008, by Object Refinery Limited and Contributors. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): Ulrich Voigt; * G</p> <p>(C) Copyright 2002-2014, by I. H. Thomae and Contributors. * * Original Author: I. H. Thomae (ithomae@ists.dartmouth.edu); * Contributor(s): David Gilbert (for Object Refinery Limited); *</p> <p>(C) Copyright 2002-2014, by Object Refinery Limited. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): Richard Atkinson; * Peter Kolb (pa</p> <p>(C) Copyright 2003-2014, by Matthias Rose and Contributors. * * Original Author: Matthias Rose (based on XYAreaRenderer.java); * Contributor(s): David Gilbert (for Object Refinery Limited);</p> <p>(C) Copyright 2006-2008, by Anthony Boulestreau and Contributors. * * Original Author: Anthony Boulestreau; * Contributor(s): David Gilbert (for Object Refinery Limited);</p> <p>(C) Copyright 2000-2013, by Object Refinery Limited and Contributors. * * Project Info: <a href="http://www.jfree.org/jfreechart/index.html">http://www.jfree.org/jfreechart/index.html</a></p> <p>(C) Copyright 2009-2013, by Object Refinery Limited. * * Original Author: Peter Kolb; * Contributor(s): David Gilbert (for Object Refinery Limited);</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>(C) Copyright 2002-2014, by Object Refinery Limited. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): Christian W. Zuckschwerdt; * Peter</p> <p>(C) Copyright 2006-2008, by Object Refinery Limited. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): -;</p> <p>(C) Copyright 2000-2014, by Matthew Wright and Contributors. * * Original Author: Matthew Wright; * Contributor(s): David Gilbert (for Object Refinery Limited);</p> <p>(C) Copyright 2003-2008, by Nicolas Brodu and Contributors. * * Original Author: Nicolas Brodu; * Contributor(s): David Gilbert (for Object Refinery Limited);</p> <p>(C) Copyright 2000-2008, by Object Refinery Limited. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): -;</p> <p>(C) Copyright 2002-2014, by Jon Iles and Contributors. * * Original Author: Jon Iles; * Contributor(s): David Gilbert (for Object Refinery Limited); * Christian W. Zucksch</p> <p>(C) Copyright 2002-2014, by Roger Studner and Contributors. * * Original Author: Roger Studner; * Contributor(s): David Gilbert (for Object Refinery Limited); * Matthias Rose;</p> <p>(C) Copyright 2000-2008, by Richard Atkinson and Contributors. * * Original Author: Richard Atkinson; * Contributor(s): David Gilbert (for Object Refinery Limited);</p> <p>(C) Copyright 2003-2008, by Barak Naveh and Contributors. * * Original Author: Barak Naveh; * Contributor(s): David Gilbert (for Object Refinery Limited);</p> <p>(C) Copyright 2003-2013, by David M. O * * Original Author: David M. O'Donnell; * Contributor(s): David Gilbert (for Object Refinery Limited); * Nicolas Brodu;</p> <p>(C) Copyright 2002-2008, by David M. O * * Original Author: David M. O'Donnell; * Contributor(s): David Gilbert (for Object Refinery Limited); * Arnaud Lelievre;</p> <p>(C) Copyright 2000-2008, by Object Refinery Limited and Contributors. * * Original Author: Bill Kelemen; * Contributor(s): David Gilbert (for Object Refinery Limited);</p> <p>(C) Copyright 2005-2008, by Object Refinery Limited and Contributors. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): -;</p> <p>(C) Copyright 2002-2008, by Bryan Scott and Contributors. * * Original Author: Bryan Scott; Andy; * Contributor(s): David Gilbert (for Object Refinery Limited); * Thomas M</p> <p>(C) Copyright 2007, 2008, by Object Refinery Limited. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributors: -;</p> <p>(C) Copyright 2001-2009, by Serge V. Grachov and Contributors. * * Original Author: Serge V. Grachov; * Contributor(s): David Gilbert (for Object Refinery Limited); * Jona</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>(C) Copyright 2004-2014, by Richard Atkinson and Contributors. * * Original Author: Richard Atkinson; * Contributor(s): -;</p> <p>(C) Copyright 2001-2013, by Object Refinery Limited and Contributors. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): Wolfgang Irlner; *</p> <p>(C) Copyright 2005-2013, by Object Refinery Limited and Contributors. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): Peter Kolb (patch 2809117);</p> <p>(C) Copyright 2005-2013, by Object Refinery Limited and Contributors. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): -;</p> <p>(C) Copyright 2008, 2014, by Object Refinery Limited and Contributors. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): -;</p> <p>(C) Copyright 2013, 2014, by Object Refinery Limited and Contributors. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): -;</p> <p>(C) Copyright 2002-2014, by Object Refinery Limited and Contributors. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): Richard Atkinson; * F</p> <p>(C) Copyright 2002-2013, by Object Refinery Limited. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): Thomas Morgner;</p> <p>(C) Copyright 2003-2013, by Ondax, Inc. and Contributors. * * Original Author: Greg Steckman (for Ondax, Inc.); * Contributor(s): David Gilbert (for Object Refinery Limited); *</p> <p>(C) Copyright 2013-2014 by Peter Kolb and Contributors. * * Original Author: Peter Kolb; * Contributor(s): David Gilbert (for Object Refinery Limited);</p> <p>(C) Copyright 2006-2009, by Object Refinery Limited. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): -;</p> <p>(C) Copyright 2000-2013, by Object Refinery Limited and Contributors. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): Sylvain Vieujo; * Je</p> <p>(C) Copyright 2002-2013, by Object Refinery Limited. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): Thomas Schuster;</p> <p>(C) Copyright 2001-2008, by Achilleus Mantzios and Contributors. * * Original Author: Achilleus Mantzios; * Contributor(s): David Gilbert (for Object Refinery Limited);</p> <p>(C) Copyright 2003-2014, by Barak Naveh and Contributors. * * Original Author: Barak Naveh; * Contributor(s): David Gilbert (for Object Refinery Limited);</p> <p>(C) Copyright 2005-2013, by Object Refinery Limited. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): ;</p> <p>(C) Copyright 2003-2014, by Object Refinery Limited. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): Christian W. Zuckschwerdt;</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>(C) Copyright 2009, 2011, by Object Refinery Limited and Contributors. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): -;</p> <p>(C) Copyright 2000-2009, by Object Refinery Limited. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): -;</p> <p>(C) Copyright 2003-2008, by Object Refinery Limited and Contributors. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributors: -;</p> <p>(C) Copyright 2009, by Object Refinery Limited. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): -;</p> <p>(C) Copyright 2003-2014, by Object Refinery Limited. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): Peter Kolb (patch 1934255); * Andr</p> <p>(C) Copyright 2005-2013, by Object Refinery Limited and Contributors. * * Original Author: Martin Hoeller; * Contributor(s): -;</p> <p>(C) Copyright 2001-2014, by Object Refinery Limited and Contributors. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): Mark Watson (www.markwatson.com); *</p> <p>(C) Copyright 2002-2008, by David M. O * * Original Author: David M. O'Donnell; * Contributor(s): David Gilbert (for Object Refinery Limited);</p> <p>(C) Copyright 2007-2014, by Object Refinery Limited. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): -;</p> <p>(C) Copyright 2009, by Object Refinery Limited and Contributors. * * Original Author: Peter Kolb (patch 2809117); * Contributor(s): ;</p> <p>(C) Copyright 2002-2008, by Object Refinery Limited and Contributors. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): Luke Quinane; * B</p> <p>(C) Copyright 2003-2008, by Richard Atkinson and Contributors. * * Original Author: Richard Atkinson;</p> <p>(C) Copyright 2003-2013, by Object Refinery Limited and Contributors. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): Peter Kolb (patch 2809117);</p> <p>(C) Copyright 2001-2008, by Object Refinery Limited. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): Richard Atkinson; * Andreas Schroe</p> <p>(C) Copyright 2002-2009, by Bryan Scott and Contributors. * * Original Author: Bryan Scott; Andy * Contributor(s): David Gilbert (for Object Refinery Limited); * Thomas Mo</p> <p>(C) Copyright 2002-2013, by Richard Atkinson and Contributors. * * Original Author: Richard Atkinson; * Contributor(s): -;</p> <p>(C) Copyright 2001-2011, by Object Refinery Limited and Contributors. * * Original Author: David Gilbert (for Object</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Refinery Limited); * Contributor(s): Mark Watson (www.markwatson.com);</p> <p>(C) Copyright 2003-2013, by Object Refinery Limited and contributors. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): Peter Kolb (patch 2511330);</p> <p>(C) Copyright 2005-2011, by Object Refinery Limited and Contributors. * * Original Author: Martin Hoeller; * Contributor(s): -;</p> <p>(C) Copyright 2001-2008, by Object Refinery Limited. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): -;</p> <p>(C) Copyright 2002-2014, by Dan Rivett (d.rivett@ukonline.co.uk) and * Contributors. * * Original Author: Dan Rivett (adapted from AreaRenderer); * Contributor(s):</p> <p>(C) Copyright 2005-2009, by Object Refinery Limited and Contributors. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): Andrzej Porebski; *</p> <p>(C) Copyright 2000-2014, by Object Refinery Limited and Contributors. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): Jeremy Bowman; * Arna</p> <p>(C) Copyright 2007-2013, by Object Refinery Limited and Contributors. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): -;</p> <p>(C) Copyright 2001-2014, by Object Refinery Limited. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): -;</p> <p>(C) Copyright 2001-2014, Object Refinery Limited and Contributors. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): Aaron Metzger; * Jon</p> <p>(C) Copyright 2003-2008, by Object Refinery Limited and Contributors. * * Original Author: David Gilbert (for Object Refinery Limited); * Contributor(s): Luke Quinane;</p> <p>jnr-posix</p> <p>(C) 2014-2017 Vitaly Puzrin and Andrey Tupitsin</p> <p>Copyright (C) 2007 Thomas E Enebo</p> <p>Copyright (c) 2013, 2018, Oracle and/or its affiliates. All rights reserved</p> <p>Copyright jQuery Foundation and other contributors */;</p> <p>( function( factory ) { if ( typeof define === "function" &amp;&amp; define.amd ) {</p> <p>(C) 1995-2013 Jean-loup Gailly and Mark Adler</p> <p>Copyright (C) 2007</p> <p>Copyright jQuery Foundation and other contributors</p> <p>Copyright JS Foundation and other contributors</p> <p>Copyright (C) 2007 Charles O Nutter</p> <p>Copyright (C) 2008 JRuby Community</p> <p>Copyright (c) 2015, 2018, Oracle and/or its affiliates. All rights reserved</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>spotbugs-annotations<br/> Copyright (C) 2005-2006, University of Maryland<br/> (C) 2014-2017 Vitaly Puzrin and Andrey Tupitsin<br/> Copyright (C) 2005-2006 University of Maryland<br/> Copyright (c) 2013, 2018, Oracle and/or its affiliates. All rights reserved<br/> Copyright (C) 2005 University of Maryland<br/> Copyright jQuery Foundation and other contributors; Licensed MIT<br/> (C) 1995-2013 Jean-loup Gailly and Mark Adler<br/> Copyright (C) 2008, University of Maryland<br/> Copyright jQuery Foundation and other contributors<br/> Copyright (C) 2003-2007 University of Maryland<br/> Copyright (C) 2005, University of Maryland<br/> Copyright JS Foundation and other contributors<br/> Copyright (c) 2015, 2018, Oracle and/or its affiliates. All rights reserved</p> <p>GNU Lesser General Public License<br/> =====</p> <p>Version 2.1, February 1999<br/> See <a href="#">Appendix B</a><br/> =====</p> <p>=====</p> <p>=====</p> <p>Apache License:-</p> <p>ant<br/> Copyright (c) 2002, LandmarkGraphics Corp that has been kindly donated to the Apache Software<br/> (C) 2014-2017 Vitaly Puzrin and Andrey Tupitsin<br/> Copyright (c) 2013, 2018, Oracle and/or its affiliates. All rights reserved<br/> Copyright 1999-2020 The Apache Software Foundation<br/> copyright in this software and any associated documentation will at all times remain with copyright holders.<br/> copyright-software-20021231<br/> Copyright JS Foundation and other contributors<br/> Copyright (c) 2015, 2019, Oracle and/or its affiliates. All rights reserved<br/> Copyright FAQ for common questions about using materials from our site, including specific terms and conditions for packages like libwww, Amaya, and Jigsaw. Other questions about this notice can be di<br/> Copyright JS Foundation and other contributors<br/> Copyright (C) 1995-2013 Jean-loup Gailly and Mark Adler<br/> ant-launcher</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Copyright (c) 2002, LandmarkGraphics Corp that has been kindly donated to the Apache Software</p> <p>Copyright FAQ for commonquestions about using materials from our site, including specific terms andconditions for packages like libwww, Amaya, and Jigsaw. Other questions aboutthis notice can be di</p> <p>Copyright 1999-2020 The Apache Software Foundation<br/>copyright in this software and any associated documentation will atall times remain with copyright holders.<br/>copyright-software-20021231</p> <p>commons-beanutils<br/>Copyright 2000-2019 The Apache Software Foundation<br/>commons-codec<br/>Copyright (c) 2004-2006 Intel Corportation<br/>Copyright (C) 2002 Kevin Atkinson (kevina@gnu.org).<br/>Copyright 2002-2020 The Apache Software Foundation<br/>commons-collections<br/>Copyright 2001-2015 The Apache Software Foundation<br/>commons-compress<br/>Copyright (c) 2004-2006 Intel Corportation<br/>copyright (C) 1996-2019 Julian R Seward. Allrights reserved.<br/>Copyright 2002-2020 The Apache Software Foundation<br/>Copyright 2002-2014 The Apache Software Foundation<br/>commons-discovery<br/>Copyright 2002-2011 The Apache Software Foundation<br/>commons-fileupload<br/>Copyright 2002-2018 The Apache Software Foundation<br/>commons-httpclient<br/>Copyright 1999-2007 The Apache Software FoundationThis product includes software developed by<br/>commons-io<br/>Copyright 2002-2020 The Apache Software Foundation<br/>commons-jelly<br/>Copyright 2002,2004 The Apache Software Foundation.<br/>commons-jelly-tags-define<br/>Copyright 2002,2004 The Apache Software Foundation.<br/>Copyright 1999-2002,2004 The Apache Software Foundation.<br/>commons-jelly-tags-fmt<br/>Copyright 2002,2004 The Apache Software Foundation.<br/>Copyright 1999,2004 The Apache Software Foundation.<br/>commons-jelly-tags-xml<br/>Copyright 2002,2004 The Apache Software Foundation.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Copyright 1999,2004 The Apache Software Foundation.<br/>commons-jexl-1.1-jenkins</p> <p>Copyright 2002,2004 The Apache Software Foundation.<br/>Copyright 2002-2006 The Apache Software Foundation.<br/>commons-lang</p> <p>Copyright 2001-2011 The Apache Software FoundationThis product includes software developed by<br/>ezmorph</p> <p>Copyright 2006-2007 the original author or authors.<br/>Copyright 2006-2007-2007 the original author or authors.<br/>groovy-all</p> <p>Copyright 2003-2017 The Apache Software Foundation<br/>Copyright 2003-2017 The Apache Software Foundation.<br/>Copyright (c) 2006, Sun Microsystems, Inc.All rights reserved</p> <p>Copyright © 2003-2017 The Apache Software Foundation.<br/>All rights reserved</p> <p>Copyright 2006 Sun Microsystems, Inc. All rights reserved<br/>Copyright (c) 2002-2012, the original author or authors.<br/>Copyright (c) 2000-2011 INRIA, France TelecomAll rights reserved</p> <p>Copyright (c) Nicolas Gallagher and Jonathan Neal</p> <p>guava</p> <p>Copyright (C) 2006 The Guava Authors<br/>Copyright (C) 2004 The Guava Authors<br/>Copyright (C) 2009 The Guava Authors<br/>Copyright (C) 2007 The Guava Authors<br/>Copyright (C) 2008 The Guava Authors<br/>Copyright 2011 Google Inc. All Rights Reserved<br/>Copyright (C) 2009 Google Inc.<br/>Copyright (C) 2011 The Guava Authors.<br/>Copyright (C) 2011 The Guava Authors<br/>Copyright (C) 2010 The Guava Authors</p> <p>guice</p> <p>Copyright (C) 2011 Google Inc.<br/>Copyright (C) 2012 Google Inc.<br/>Copyright © 2006-2015 Google, Inc.. All Rights Reserved<br/>Copyright (C) 2010 Google Inc.<br/>Copyright (C) 2009 Google Inc.<br/>Copyright (C) 2008 Google Inc.<br/>Copyright (C) 2013 Google Inc.<br/>Copyright (C) 2007 Google Inc.<br/>Copyright (C) 2014 Google Inc.<br/>Copyright 2007 Google Inc. All Rights Reserved</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Copyright 2006-2015 Google, Inc.<br/> Copyright (C) 2006 Google Inc.<br/> Copyright (C) 2015 Google Inc.</p> <p>jansi<br/> Copyright (C) 2009, Progress Software Corporation and/or its<br/> Copyright (C) 2009 the original author(s).</p> <p>javax.inject jaxen<br/> Copyright (C) 2009 The JSR-330 Expert Group</p> <p>jcl-over-slf4j<br/> Copyright 2001-2004 The Apache Software Foundation.</p> <p>jffi<br/> Copyright (C) 2009 Wayne Meissner * * This file is part of jffi.<br/> (C) 2014-2017 Vitaly Puzrin and Andrey Tupitsin<br/> Copyright (c) 2013, 2018, Oracle and/or its affiliates. All rights reserved<br/> Copyright (C) 2008 Wayne Meissner * * This file is part of jffi.<br/> Copyright jQuery Foundation and other contributors;<br/> Licensed MIT<br/> Copyright (C) 2007, 2008, 2009 Wayne Meissner * * This file is part of jffi.<br/> Copyright (C) 2008, 2009 Wayne Meissner * * This file is part of jffi.<br/> Copyright (C) 2008-2010 Wayne Meissner * * This file is part of jffi.<br/> Copyright jQuery Foundation and other contributors *;<br/> ( function( factory ) { if ( typeof define === "function" &amp;&amp; define.amd ) {<br/> (C) 1995-2013 Jean-loup Gailly and Mark Adler<br/> Copyright (C) 2007-2009 Wayne Meissner * * This file is part of jffi.<br/> Copyright (C) 2007, 2008 Wayne Meissner * * This file is part of jffi.<br/> Copyright jQuery Foundation and other contributors<br/> Copyright JS Foundation and other contributors<br/> Copyright (C) 2011 Wayne Meissner * * This file is part of jffi.<br/> Copyright (c) 2015, 2018, Oracle and/or its affiliates. All rights reserved</p> <p>Jffi-native<br/> Copyright (C) 2009 Wayne Meissner * * This file is part of jffi.<br/> (C) 2014-2017 Vitaly Puzrin and Andrey Tupitsin<br/> Copyright (c) 2013, 2018, Oracle and/or its affiliates. All rights reserved<br/> Copyright (C) 2008 Wayne Meissner * * This file is part of jffi.<br/> Copyright jQuery Foundation and other contributors;<br/> Licensed MIT</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Copyright (C) 2007, 2008, 2009 Wayne Meissner * * This file is part of jffi.</p> <p>Copyright (C) 2008, 2009 Wayne Meissner * * This file is part of jffi.</p> <p>Copyright (C) 2008-2010 Wayne Meissner * * This file is part of jffi.</p> <p>Copyright jQuery Foundation and other contributors * / ;<br/>( function( factory ) { if ( typeof define === "function" &amp;&amp; define.amd ) {</p> <p>(C) 1995-2013 Jean-loup Gailly and Mark Adler</p> <p>Copyright (C) 2007-2009 Wayne Meissner * * This file is part of jffi.</p> <p>Copyright (C) 2007, 2008 Wayne Meissner * * This file is part of jffi.</p> <p>Copyright jQuery Foundation and other contributors</p> <p>Copyright JS Foundation and other contributors</p> <p>Copyright (C) 2011 Wayne Meissner * * This file is part of jffi.</p> <p>Copyright (c) 2015, 2018, Oracle and/or its affiliates. All rights reserved</p> <p>jnr-a64asm</p> <p>Copyright (C) 2018 Ossdev07 * * This file is part of the JNR project.</p> <p>jnr-constants</p> <p>Copyright © 2020. All rights reserved</p> <p>(C) 2014-2017 Vitaly Puzrin and Andrey Tupitsin</p> <p>Copyright (c) 2013, 2018, Oracle and/or its affiliates. All rights reserved</p> <p>Copyright jQuery Foundation and other contributors * / ;<br/>( function( factory ) { if ( typeof define === "function" &amp;&amp; define.amd ) {</p> <p>(C) 1995-2013 Jean-loup Gailly and Mark Adler</p> <p>Copyright jQuery Foundation and other contributors</p> <p>Copyright JS Foundation and other contributors</p> <p>Copyright (c) 2015, 2018, Oracle and/or its affiliates. All rights reserved</p> <p>jnr-ffi</p> <p>(C) 2014-2017 Vitaly Puzrin and Andrey Tupitsin</p> <p>Copyright (c) 2013, 2018, Oracle and/or its affiliates. All rights reserved</p> <p>Copyright © 2021. All rights reserved</p> <p>Copyright (C) 2007 The Guava Authors</p> <p>Copyright (C) 2008 The Guava Authors</p> <p>Copyright (C) 2014 Wayne Meissner * * This file is part of the JNR project.</p> <p>Copyright (C) 2008-2010 Wayne Meissner * * This file is part of the JNR project.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Copyright jQuery Foundation and other contributors; Licensed MIT</p> <p>Copyright (C) 2017 Oracle and/or its affiliates. * * This file is part of the JNR project.</p> <p>Copyright (C) 2011 Wayne Meissner * * This file is part of the JNR project.</p> <p>Copyright (C) 2008-2011 Wayne Meissner * * This file is part of the JNR project.</p> <p>Copyright (C) 2012 Wayne Meissner * * This file is part of the JNR project.</p> <p>Copyright 2010 The Miyamoto Team</p> <p>Copyright jQuery Foundation and other contributors */;<br/>( function( factory ) { if ( typeof define === "function" &amp;&amp; define.amd ) {</p> <p>(C) 1995-2013 Jean-loup Gailly and Mark Adler</p> <p>Copyright jQuery Foundation and other contributors</p> <p>Copyright (C) 2006 - Javolution (<a href="http://javolution.org/">http://javolution.org/</a>) * All rights reserved</p> <p>Copyright (C) 2010 Wayne Meissner * * This file is part of the JNR project.</p> <p>Copyright JS Foundation and other contributors</p> <p>Copyright (C) 2013 Wayne Meissner * * This file is part of the JNR project.</p> <p>Copyright (C) 2008-2012 Wayne Meissner * * This file is part of the JNR project.</p> <p>Copyright (c) 2015, 2018, Oracle and/or its affiliates. All rights reserved</p> <p>Copyright (C) 2009-2010 Wayne Meissner * * This file is part of the JNR project.</p> <p>Copyright (C) 2016 Wayne Meissner * * This file is part of the JNR project.</p> <p>json-lib-jenkins</p> <p>Copyright 2002-2009 the original author or authors.</p> <p>org.powermock</p> <p>org.objenesis</p> <p>Copyright 2007-2017 PowerMock Contributors</p> <p>log4j-over-slf4j</p> <p>Copyright 2001-2004 The Apache Software Foundation.</p> <p>remoting</p> <p>Copyright (c) 2013 Kohsuke Kawaguchi and other contributors</p> <p>Copyright (c) 2004-2010, Sun Microsystems, Inc., Kohsuke Kawaguchi, CloudBees, Inc.</p> <p>Copyright (c) 2004-2010, Sun Microsystems, Inc., Kohsuke Kawaguchi</p> <p>Copyright (c) 2004-2018, Sun Microsystems, Inc., Kohsuke Kawaguchi, CloudBees, Inc.</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Copyright (c) 2016, Stephen Connolly, CloudBees, Inc., and others</p> <p>Copyright 2018 CloudBees, Inc.</p> <p>Copyright 2013 Jesse Glick.</p> <p>Copyright (c) 2010, InfraDNA, Inc.</p> <p>Copyright (c) 2004-2009, Sun Microsystems, Inc., Kohsuke Kawaguchi, CloudBees, Inc.</p> <p>Copyright 1999-2002,2004 The Apache Software Foundation.</p> <p>Copyright (c) 2012, 2017 Oracle and/or its affiliates. All rights reserved</p> <p>Copyright (c) 2016- CloudBees, Inc.</p> <p>Copyright (c) 2016 CloudBees, Inc.</p> <p>Copyright (c) 2016, Stephen Connolly, CloudBees, Inc.</p> <p>Copyright (c) 2004-2016, Sun Microsystems, Inc., Kohsuke Kawaguchi, Daniel Dyer, Stephen Connolly, and others</p> <p>Copyright (c) 2011, CloudBees, Inc.</p> <p>Copyright (c) 2004-2009, Sun Microsystems, Inc., Kohsuke Kawaguchi, Ullrich Hafner</p> <p>Copyright (c) 2016, CloudBees, Inc.</p> <p>Copyright (c) 2019, CloudBees, Inc.</p> <p>Copyright 2006-2008 Makoto YUI</p> <p>Copyright (c) 2017 CloudBees, Inc.</p> <p>Copyright (c) 2018, CloudBees, Inc.</p> <p>Copyright (c) 2004-2009, Sun Microsystems, Inc.</p> <p>Copyright (c) 2004-2009, Sun Microsystems, Inc., Kohsuke Kawaguchi</p> <p>Copyright (c) 2016, CloudBees, Inc., Stephen Connolly</p> <p>spring-beans</p> <p>Copyright 2002-2020 the original author or authors.</p> <p>Copyright 2002-2021 the original author or authors.</p> <p>Copyright 2006-2019 Joe Walnes, Henri Tremblay, Leonardo Mesquita</p> <p>Copyright (c) 2002-2021 Pivotal, Inc.</p> <p>Copyright 2002-2018 the original author or authors.</p> <p>Copyright 2002-2019 the original author or authors.</p> <p>Copyright 2002-2015 the original author or authors.</p> <p>Copyright 2002-2014 the original author or authors.</p> <p>Copyright 2002-2017 the original author or authors.</p> <p>Copyright (c) 1999-2009, OW2 Consortium</p> <p>Copyright 2002-2016 the original author or authors.</p> <p>Copyright 2002-2010 the original author or authors.</p> <p>Copyright 2002-2009 the original author or authors.</p> <p>Copyright 2002-2011 the original author or authors.</p> <p>Copyright 2002-2007 the original author or authors.</p> <p>Copyright 2002-2012 the original author or authors.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Copyright 2002-2013 the original author or authors.<br/> Copyright (c) 2000-2011 INRIA, France TelecomAll rights reserved</p> <p>spring-aop</p> <p>Copyright 2002-2020 the original author or authors.<br/> Copyright 2002-2021 the original author or authors.<br/> Copyright 2006-2019 Joe Walnes, Henri Tremblay, Leonardo Mesquita</p> <p>Copyright (c) 2002-2021 Pivotal, Inc.<br/> Copyright 2002-2018 the original author or authors.<br/> Copyright 2002-2019 the original author or authors.<br/> Copyright 2002-2015 the original author or authors.<br/> Copyright 2002-2014 the original author or authors.<br/> Copyright 2002-2017 the original author or authors.<br/> Copyright (c) 1999-2009, OW2 Consortium<br/> Copyright 2002-2016 the original author or authors.<br/> Copyright 2002-2010 the original author or authors.<br/> Copyright 2002-2009 the original author or authors.<br/> Copyright 2002-2011 the original author or authors.<br/> Copyright 2002-2007 the original author or authors.<br/> Copyright 2002-2012 the original author or authors.<br/> Copyright 2002-2013 the original author or authors.<br/> Copyright (c) 2000-2011 INRIA, France TelecomAll rights reserved</p> <p>Apache License<br/> Version 2.0, January 2004<br/> =====</p> <p>See <a href="#">Appendix E</a></p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider   | Component (s)                                                        | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|------------|----------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Jenkins CI | Jenkins 2.377<br>Jenkins 2.319.2<br>Jenkins 2.386<br>Jenkins 2.319.2 | <p>TOP-LEVEL COPYRIGHT NOTICE for jenkins</p> <p>The MIT License</p> <p>-----separator-----</p> <p>Copyright (c) 2004-2022, Kohsuke Kawaguchi, Sun Microsystems, Inc., and a number of other of contributors</p> <p>See <a href="#">Appendix G</a></p> <p>-----separator-----</p> <p>org.jenkins-ci.main:cli</p> <p>org.jenkins-ci.main:remoting</p> <p>org.jenkins-ci.main:jenkins-core</p> <p>The MIT License</p> <p>Copyright (c) 2004-2022, Kohsuke Kawaguchi, Sun Microsystems, Inc., and a number of other of contributors</p> <p>See <a href="#">Appendix G</a></p> <p>-----separator-----</p> <p>antlr</p> <p>Copyright (c) 2012-2017 The ANTLR Project. All rights reserved</p> <p>ANTLR License:-</p> <p>SOFTWARE RIGHTS</p> <p>ANTLR 1989-2004 Developed by Terence Parr Partially supported by University of San Francisco &amp; jGuru.com</p> <p>We reserve no legal rights to the ANTLR--it is fully in the public domain. An individual or company may do whatever they wish with source code distributed with ANTLR or the code generated by ANTLR, including the incorporation of ANTLR, or its output, into commerical software.</p> <p>We encourage users to develop software with ANTLR. However, we do ask that credit is given to us for developing ANTLR. By "credit", we mean that if you use ANTLR or incorporate any source code into one of your programs (commercial product, research project, or otherwise) that you acknowledge this fact somewhere in the documentation, research report, etc... If you like ANTLR and have developed a nice tool with the output, please mention that you developed it using ANTLR. In addition, we ask that the headers remain intact in our source code. As long as these guidelines are kept, we expect to continue enhancing this system and expect</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>to make other tools available as they are completed.</p> <p>The primary ANTLR guy:</p> <p>Terence Parr<br/> parrrt@cs.usfca.edu<br/> parrrt@antlr.org</p> <p>-----separator-----</p> <p>jakarta.servlet.jsp.jstl-api is Eclipse Public License 2.0 and Sun GPL With Classpath Exception v2.0:-</p> <p>Copyright &amp;#169; 2019 Eclipse Foundation. All rights reserved</p> <p>Copyright 2004 The Apache Software Foundation</p> <p>Copyright (c) 1997-2018 Oracle and/or its affiliates. All rights reserved</p> <p>Copyright (c) 1997, 2018 Oracle and/or its affiliates. All rights reserved</p> <p>Eclipse Public License 2.0 License:-</p> <p>See <a href="#">Appendix Y</a></p> <p>*****</p> <p>*****</p> <p>The GNU General Public License (GPL) Version 2, June 1991</p> <p>Copyright (C) 1989, 1991 Free Software Foundation, Inc.<br/> 51 Franklin Street, Fifth Floor<br/> Boston, MA 02110-1335<br/> USA</p> <p>See <a href="#">Appendix A</a></p> <p>END OF TERMS AND CONDITIONS</p> <p>How to Apply These Terms to Your New Programs</p> <p>If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.</p> <p>To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.</p> <p>One line to give the program's name and a brief idea of what it does.</p> <p>Copyright (C) &lt;year&gt; &lt;name of author&gt;</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.</p> <p>This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.</p> <p>You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1335 USA</p> <p>Also add information on how to contact you by electronic and paper mail.</p> <p>If the program is interactive, make it output a short notice like this when it starts in an interactive mode:</p> <p>Gnomovision version 69, Copyright (C) year name of author<br/>Gnomovision comes with ABSOLUTELY NO WARRANTY;<br/>for details type<br/>`show w'. This is free software, and you are welcome to redistribute it under certain conditions; type `show c' for details.</p> <p>The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.</p> <p>You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:</p> <p>Yoyodyne, Inc., hereby disclaims all copyright interest in the program `Gnomovision' (which makes passes at compilers) written by<br/>James Hacker.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>signature of Ty Coon, 1 April 1989</p> <p>Ty Coon, President of Vice</p> <p>This General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Library General Public License instead of this License.</p> <p>CLASSPATH EXCEPTION</p> <p>Linking this library statically or dynamically with other modules is making a combined work based on this library. Thus, the terms and conditions of the GNU General Public License version 2 cover the whole combination.</p> <p>As a special exception, the copyright holders of this library give you permission to link this library with independent modules to produce an executable, regardless of the license terms of these independent modules, and to copy and distribute the resulting executable under terms of your choice, provided that you also meet, for each linked independent module, the terms and conditions of the license of that module. An independent module is a module which is not derived from or based on this library. If you modify this library, you may extend this exception to your version of the library, but you are not obligated to do so. If you do not wish to do so, delete this exception statement from your version.</p> <p>NOTICE.md</p> <p>Notices for Eclipse Project for Jakarta Standard Tag Library</p> <p>This content is produced and maintained by the Eclipse Project for Jakarta Standard Tag Library project.</p> <p>Project home: <a href="https://projects.eclipse.org/projects/ee4j.jstl">https://projects.eclipse.org/projects/ee4j.jstl</a></p> <p>Trademarks</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Eclipse Project for Jakarta Standard Tag Library is a trademark of the Eclipse Foundation.</p> <p>Copyright</p> <p>All content is the property of the respective authors or their employers. For more information regarding authorship of content, please consult the listed source code repository logs.</p> <p>Declared Project Licenses</p> <p>This program and the accompanying materials are made available under the terms of the Eclipse Public License v. 2.0 which is available at <a href="http://www.eclipse.org/legal/epl-2.0">http://www.eclipse.org/legal/epl-2.0</a>. This Source Code may also be made available under the following Secondary Licenses when the conditions for such availability set forth in the Eclipse Public License v. 2.0 are satisfied: GNU General Public License, version 2 with the GNU Classpath Exception which is available at <a href="https://www.gnu.org/software/classpath/license.html">https://www.gnu.org/software/classpath/license.html</a>.</p> <p>SPDX-License-Identifier: EPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0</p> <p>Source Code</p> <p>The project maintains the following source code repositories:</p> <p><a href="https://github.com/eclipse-ee4j/jstl-api">https://github.com/eclipse-ee4j/jstl-api</a></p> <p>Third-party Content</p> <p>This project leverages the following third party content.</p> <p>None</p> <p>Cryptography</p> <p>Content may contain encryption software. The country in which you are currently may have restrictions on the import, possession, and use, and/or re-export to another country, of encryption software. BEFORE using any encryption software, please check the country's laws, regulations and policies concerning the import, possession, or use, and re-export of encryption software, to see if this is permitted.</p> <p>-----separator-----</p> <p>args4j</p> <p>Copyright (c) 2013 Kohsuke Kawaguchi and other contributors</p> <p>See <a href="#">Appendix G</a></p> <p>-----separator-----</p> <p><a href="https://github.com/spotbugs/spotbugs-annotations">com.github.spotbugs:spotbugs-annotations</a></p> <p>Copyright (C) 2005-2006, University of Maryland</p> <p>(C) 2014-2017 Vitaly Puzrin and Andrey Tupitsin</p> <p>Copyright (C) 2005-2006 University of Maryland</p> <p>Copyright (c) 2013, 2018, Oracle and/or its affiliates. All rights reserved</p> <p>Copyright (C) 2005 University of Maryland</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Copyright jQuery Foundation and other contributors; Licensed MIT</p> <p>(C) 1995-2013 Jean-loup Gailly and Mark Adler</p> <p>Copyright (C) 2008, University of Maryland</p> <p>Copyright jQuery Foundation and other contributors</p> <p>Copyright (C) 2003-2007 University of Maryland</p> <p>Copyright (C) 2005, University of Maryland</p> <p>Copyright JS Foundation and other contributors</p> <p>Copyright (c) 2015, 2018, Oracle and/or its affiliates. All rights reserved</p> <p>GNU Lesser General Public License</p> <p>Version 2.1, February 1999</p> <p>See <a href="#">Appendix B</a></p> <p>END OF TERMS AND CONDITIONS</p> <p>How to Apply These Terms to Your New Libraries</p> <p>If you develop a new library, and you want it to be of the greatest possible use to the public, we recommend making it free software that everyone can redistribute and change. You can do so by permitting redistribution under these terms (or, alternatively, under the terms of the ordinary General Public License).</p> <p>To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.</p> <p>one line to give the library's name and an idea of what it does.</p> <p>Copyright (C) year name of author</p> <p>This library is free software; you can redistribute it and/or modify it under the terms of the GNU Lesser General Public License as published by the Free Software Foundation; either version 2.1 of the License, or (at your option) any later version.</p> <p>This library is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU Lesser General Public License for more details.</p> <p>You should have received a copy of the GNU Lesser General Public License along with this library; if not, write to the Free Software Foundation, Inc., 59 Temple Place, Suite 330, Boston, MA 02111-1307 USA</p> <p>Also add information on how to contact you by electronic and paper mail.</p> <p>You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the library, if necessary. Here is a sample; alter the names:</p> <p>Yoyodyne, Inc., hereby disclaims all copyright interest in the library `Frob' (a library for tweaking knobs) written by James Random Hacker.</p> <p>signature of Ty Coon, 1 April 1990</p> <p>Ty Coon, President of Vice</p> <p>That's all there is to it!</p> <p>-----separator-----</p> <p>com.google.guava:guava: Apache License, Version 2.0[1]</p> <p>/*</p> <p>* Copyright (C) 2007 The Guava Authors</p> <p>*</p> <p>* Licensed under the Apache License, Version 2.0 (the "License");</p> <p>* you may not use this file except in compliance with the License.</p> <p>* You may obtain a copy of the License at</p> <p>*</p> <p>* <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>*</p> <p>* Unless required by applicable law or agreed to in writing, software</p> <p>* distributed under the License is distributed on an "AS IS" BASIS,</p> <p>* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.</p> <p>* See the License for the specific language governing permissions and</p> <p>* limitations under the License.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <pre> */ -----separator----- com.google.guava:failureaccess: Apache License, Version 2.0[1] /* * Copyright (C) 2018 The Guava Authors * * Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except * in compliance with the License. You may obtain a copy of the License at * * http://www.apache.org/licenses/LICENSE-2.0 * * Unless required by applicable law or agreed to in writing, software distributed under the License * is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express * or implied. See the License for the specific language governing permissions and limitations under * the License. */ -----separator----- com.google.guava:listenablefuture:Apache License, Version 2.0[1] /* * Copyright (C) 2007 The Guava Authors * * Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except * in compliance with the License. You may obtain a copy of the License at * * http://www.apache.org/licenses/LICENSE-2.0 * * Unless required by applicable law or agreed to in writing, software distributed under the License * is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express * or implied. See the License for the specific language governing permissions and limitations under * the License. */ -----separator----- com.google.inject:guice:Apache License, Version 2.0[1] </pre> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <pre> /*  * Copyright (C) 2010 Google, Inc.  *  * Licensed under the Apache License, Version 2.0 (the  "License");  * you may not use this file except in compliance with the  License.  * You may obtain a copy of the License at  *  * http://www.apache.org/licenses/LICENSE-2.0  *  * Unless required by applicable law or agreed to in writing,  software  * distributed under the License is distributed on an "AS IS"  BASIS,  * WITHOUT WARRANTIES OR CONDITIONS OF ANY  KIND, either express or implied.  * See the License for the specific language governing  permissions and  * limitations under the License.  */ -----separator----- javax.inject:javax.inject:Apache License, Version 2.0[1] /*  * Copyright (C) 2009 The JSR-330 Expert Group  *  * Licensed under the Apache License, Version 2.0 (the  "License");  * you may not use this file except in compliance with the  License.  * You may obtain a copy of the License at  *  * http://www.apache.org/licenses/LICENSE-2.0  *  * Unless required by applicable law or agreed to in writing,  software  * distributed under the License is distributed on an "AS IS"  BASIS,  * WITHOUT WARRANTIES OR CONDITIONS OF ANY  KIND, either express or implied.  * See the License for the specific language governing  permissions and  * limitations under the License.  */ -----separator----- com.infradna.tool:bridge-method-annotation /* </pre> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider   | Component (s)                                                          | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|------------|------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|            |                                                                        | <p>* The MIT License<br/>*<br/>* Copyright (c) 2010, InfraDNA, Inc.<br/>*<br/>See <a href="#">Appendix G</a><br/>-----separator-----<br/>com.jcraft:jzlib<br/>JZlib 0.0.* were released under the GNU LGPL license.<br/>Later, we have switched<br/>over to a BSD-style license.<br/>Copyright (c) 2000-2011 ymnk, JCraft, Inc. All rights reserved.<br/>See <a href="#">Appendix M</a><br/>-----separator-----<br/>com.sun.solaris:embedded_su4j<br/>MIT License<br/>Copyright (c) 2022 Kohsuke Kawaguchi<br/>See <a href="#">Appendix G</a><br/>-----separator-----<br/>relaxngDatatype:relaxngDatatype</p>                                                                                                                                                       |
| Jenkins CI | Jenkins active choices plug 2.5.7<br>Jenkins active choices plug 2.6.4 | <p>The MIT License (MIT)<br/>Copyright (c) 2014-2020 Ioannis K. Moutsatsos, Bruno P. Kinoshita<br/>See <a href="#">Appendix G</a><br/>----- script-security(https://plugins.jenkins.io/script-security/#releases) -----<br/>The MIT License (MIT)<br/>Copyright (c) 2011-2016 Dominik Bartholdi<br/>See <a href="#">Appendix G</a><br/>----- OWASP Markup Formatter(https://plugins.jenkins.io/antisamy-markup-formatter/#releases)-----<br/>The MIT License (MIT)<br/>Copyright (c) 2011-2016 Dominik Bartholdi<br/>See <a href="#">Appendix G</a><br/>----- The following dependency list the following license in the pom.xml only -----<br/>jQuery3 API Plugin<br/>MIT License<br/>Copyright (c) 2019 Dr. Ullrich Hafner<br/>See <a href="#">Appendix G</a></p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s)    | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Oracle   | jersey-core 2.31 | <p>****DEVELOPMENT MUST INSERT THE INFORMATION IN THE SECTIONS BELOW*****</p> <p>The documentation team must include the following in the documentation accompanying the Oracle product that includes the EPL code:</p> <ol style="list-style-type: none"> <li>1. The follow files are available in source code form under the Eclipse Public License at: {INSERT WEBSITE WHERE SOURCE CODE IS AVAILABLE}. (The EPL license is reproduced below).</li> <li>2. All past Contributors to the {INSERT THE NAME OF THE EPL CODE} disclaim all warranties and conditions, express and implied, including warranties or conditions of title and non-infringement, and implied warranties or conditions of merchantability and fitness for a particular purpose. In addition, such Contributors are not liable for any damages, including direct, indirect, special, incidental and consequential damages, such as lost profits.</li> <li>3. Any provisions of the Oracle license agreement that differ from the Eclipse Public License are offered by Oracle alone and not by any other party.</li> <li>4. { IF THERE ARE MODIFICATIONS OR ADDITIONS, INSERT THE FOLLOWING} Oracle has modified the following files {LIST FILES}</li> <li>5. { IF EXECUTABLES ARE UNDER ORACLE AGREEMENT AS OPPOSED TO THE EPL, INSERT THE FOLLOWING} These files are licensed in executable form under your Oracle license agreement. Oracle is solely responsible for any representations and warranties contained therein.</li> </ol> <p>Copyright (c) 2010, 2020 Oracle and/or its affiliates. All rights reserved</p> <p>This program and the accompanying materials are made available under the terms<br/>of the Eclipse Public License v. 2.0 which is available at <a href="http://www.eclipse.org/legal/epl-2.0">http://www.eclipse.org/legal/epl-2.0</a>. This Source Code may also be made<br/>available under the following Secondary Licenses when the conditions for such<br/>availability set forth in the Eclipse Public License v. 2.0 are satisfied: GNU<br/>General Public License, version 2 with the GNU Classpath Exception which is<br/>available at <a href="https://www.gnu.org/software/classpath/license.html">https://www.gnu.org/software/classpath/license.html</a>.<br/>Oracle elects the EPL 2.0 license.<br/>Eclipse Public License - v 2.0 - See <a href="#">Appendix Y</a><br/>GPL v2 - See <a href="#">Appendix A</a></p> <p>-----</p> <p>Fourth Party Dependencies<br/>+++++++4th party dependencies+++++++</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>jakarta.ws.rs-api, v2.1.6, EPL 2.0+ GPLv2.0 CPE</p> <p>jakarta.annotation-api, v1.3.5 , EPL 2.0+ GPLv2.0 CPE</p> <p>Copyright (c) 2017, 2020 Oracle and/or its affiliates. All rights reserved.</p> <p>This program and the accompanying materials are made available under the terms of the Eclipse Public License v. 2.0, which is available at <a href="http://www.eclipse.org/legal/epl-2.0">http://www.eclipse.org/legal/epl-2.0</a>.</p> <p>This Source Code may also be made available under the following Secondary Licenses when the conditions for such availability set forth in the Eclipse Public License v. 2.0 are satisfied: GNU General Public License, version 2 with the GNU Classpath Exception, which is available at <a href="https://www.gnu.org/software/classpath/license.html">https://www.gnu.org/software/classpath/license.html</a>.</p> <p>+++++</p> <p>jakarta.inject, v2.6.1 , Apache 2.0</p> <p>Copyright (C) 2009 The JSR-330 Expert Group</p> <p>Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License.</p> <p>You may obtain a copy of the License at <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS,</p> <p>WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.</p> <p>+++++</p> <p>org.osgi.core, v6.0.0, Apache 2.0</p> <p>Copyright (c) OSGi Alliance (2000, 2013). All Rights Reserved.</p> <p>Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License.</p> <p>You may obtain a copy of the License at <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS,</p> <p>WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.</p> <p>-----</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider  | Component (s)   | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-----------|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| GlassFish | jersey-hk2 2.31 | <p>****DEVELOPMENT MUST INSERT THE INFORMATION IN THE SECTIONS BELOW****</p> <p>The documentation team must include the following in the documentation accompanying the Oracle product that includes the EPL code:</p> <ol style="list-style-type: none"> <li>1. The follow files are available in source code form under the Eclipse Public License at: {INSERT WEBSITE WHERE SOURCE CODE IS AVAILABLE}. (The EPL license is reproduced below).</li> <li>2. All past Contributors to the {INSERT THE NAME OF THE EPL CODE} disclaim all warranties and conditions, express and implied, including warranties or conditions of title and non-infringement, and implied warranties or conditions of merchantability and fitness for a particular purpose. In addition, such Contributors are not liable for any damages, including direct, indirect, special, incidental and consequential damages, such as lost profits.</li> <li>3. Any provisions of the Oracle license agreement that differ from the Eclipse Public License are offered by Oracle alone and not by any other party.</li> <li>4. { IF THERE ARE MODIFICATIONS OR ADDITIONS, INSERT THE FOLLOWING} Oracle has modified the following files {LIST FILES}</li> <li>5. { IF EXECUTABLES ARE UNDER ORACLE AGREEMENT AS OPPOSED TO THE EPL, INSERT THE FOLLOWING} These files are licensed in executable form under your Oracle license agreement. Oracle is solely responsible for any representations and warranties contained therein.</li> </ol> <p>Copyright (c) 2017,2019 Oracle and/or its affiliates. All rights reserved.</p> <p>Eclipse Public License - v 2.0 - See <a href="#">Appendix Y</a></p> <p>-----</p> <p>Fourth Party Dependencies</p> <p>-----</p> <p>"ServiceLocator Default Implementation"<br/>(org.glassfish.hk2:hk2-locator)</p> <p>Copyright (c) 2010,2019 Oracle and/or its affiliates. All rights reserved.</p> <p>Copyright (c) 2019 Payara Service Ltd. and/or its affiliates.<br/>EPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0</p> <p>-----</p> <p>"Jakarta Annotations API"<br/>(jakarta.annotation:jakarta.annotation-api)</p> <p>Copyright (c) 2005,2018 Oracle and/or its affiliates. All rights reserved.</p> <p>Copyright &amp;#169; 2019 Eclipse Foundation. All rights reserved.&lt;br&gt;<br/>EPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0</p> <p>-----</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>"jersey-core-common" (org.glassfish.jersey.core:jersey-common)</p> <p>Copyright (c) 2007,2020 Oracle and/or its affiliates. All rights reserved.</p> <p>Copyright (c) 2018 Payara Foundation and/or its affiliates.</p> <p>Copyright (C) 2006,2014 The Guava Authors</p> <p>EPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0</p> <p>-----</p> <p>"jakarta.ws.rs-api" (jakarta.ws.rs:jakarta.ws.rs-api)</p> <p>Copyright (c) 2010,2019 Oracle and/or its affiliates. All rights reserved.</p> <p>Copyright (c) 2006 Google Inc.</p> <p>EPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0</p> <p>-----</p> <p>"OSGi resource locator" (org.glassfish.hk2:osgi-resource-locator)</p> <p>Copyright (c) 2009,2018 Oracle and/or its affiliates. All rights reserved.</p> <p>EPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0</p> <p>-----</p> <p>"javax.inject:1 as OSGi bundle"</p> <p>(org.glassfish.hk2.external:jakarta.inject)</p> <p>Copyright (C) 2009 The JSR-330 Expert Group</p> <p>Copyright (c) 2010,2018 Oracle and/or its affiliates. All rights reserved.</p> <p>EPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0</p> <p>-----</p> <p>"Javassist" (org.javassist:javassist)</p> <p>Copyright (C) 1999- Shigeru Chiba. All Rights Reserved.</p> <p>Copyright (C) 1999- Shigeru Chiba. All Rights Reserved.&lt;/i&gt;]]&gt;&lt;/bottom&gt;</p> <p>Copyright (C) 2004 Bill Burke. All Rights Reserved.</p> <p>MPL 1.1, LGPL 2.1, Apache License 2.0</p> <p>Mozilla Public License Version 1.1 - See <a href="#">Appendix S</a></p> <p>GPL 2.1 - See <a href="#">Appendix T</a></p> <p>Apache 2.0 license - See <a href="#">Appendix E</a></p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider           | Component (s)                  | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|--------------------|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Eclipse Foundation | jersey-media-json-binding 2.31 | <p>****DEVELOPMENT MUST INSERT THE INFORMATION IN THE SECTIONS BELOW****</p> <p>The documentation team must include the following in the documentation accompanying the Oracle product that includes the EPL code:</p> <ol style="list-style-type: none"> <li>1. The follow files are available in source code form under the Eclipse Public License at: {INSERT WEBSITE WHERE SOURCE CODE IS AVAILABLE}. (The EPL license is reproduced below).</li> <li>2. All past Contributors to the {INSERT THE NAME OF THE EPL CODE} disclaim all warranties and conditions, express and implied, including warranties or conditions of title and non-infringement, and implied warranties or conditions of merchantability and fitness for a particular purpose. In addition, such Contributors are not liable for any damages, including direct, indirect, special, incidental and consequential damages, such as lost profits.</li> <li>3. Any provisions of the Oracle license agreement that differ from the Eclipse Public License are offered by Oracle alone and not by any other party.</li> <li>4. { IF THERE ARE MODIFICATIONS OR ADDITIONS, INSERT THE FOLLOWING} Oracle has modified the following files {LIST FILES}</li> <li>5. { IF EXECUTABLES ARE UNDER ORACLE AGREEMENT AS OPPOSED TO THE EPL, INSERT THE FOLLOWING} These files are licensed in executable form under your Oracle license agreement. Oracle is solely responsible for any representations and warranties contained therein.</li> </ol> <p>Copyright (c) 2017,2019 Oracle and/or its affiliates. All rights reserved.</p> <p>Eclipse Public License - v 2.0 - See <a href="#">Appendix Y</a></p> <p>-----</p> <p>Fourth Party Dependencies</p> <p>-----</p> <p>"jersey-core-common" (org.glassfish.jersey.core:jersey-common)</p> <p>Copyright (c) 2007,2020 Oracle and/or its affiliates. All rights reserved.</p> <p>Copyright (c) 2018 Payara Foundation and/or its affiliates.</p> <p>Copyright (C) 2006,2014 The Guava Authors</p> <p>EPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0</p> <p>-----</p> <p>"jakarta.ws.rs-api" (jakarta.ws.rs:jakarta.ws.rs-api)</p> <p>Copyright (c) 2010,2019 Oracle and/or its affiliates. All rights reserved.</p> <p>Copyright (c) 2006 Google Inc.</p> <p>EPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0</p> <p>-----</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>"Jakarta Annotations API"<br/>(jakarta.annotation:jakarta.annotation-api)<br/>Copyright (c) 2005,2018 Oracle and/or its affiliates. All rights reserved.<br/>Copyright © 2019 Eclipse Foundation. All rights reserved.&lt;br&gt;<br/>EPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0</p> <p>-----</p> <p>"OSGi resource locator" (org.glassfish.hk2:osgi-resource-locator)<br/>Copyright (c) 2009,2018 Oracle and/or its affiliates. All rights reserved.<br/>EPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0</p> <p>-----</p> <p>"javax.inject:1 as OSGi bundle"<br/>(org.glassfish.hk2.external:jakarta.inject)<br/>Copyright (C) 2009 The JSR-330 Expert Group<br/>Copyright (c) 2010,2018 Oracle and/or its affiliates. All rights reserved.<br/>EPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0</p> <p>-----</p> <p>"JSON-P Default Provider" (org.glassfish.jakarta.json)<br/>"JSON-P API" (jakarta.json:jakarta.json-api)<br/>Copyright (c) 2011,2019 Oracle and/or its affiliates. All rights reserved.<br/>EPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0</p> <p>-----</p> <p>"JSON-B API" (jakarta.json.bind:jakarta.json.bind-api)<br/>Copyright (c) 2015,2019 Oracle and/or its affiliates. All rights reserved.<br/>Copyright © 2019 Eclipse Foundation. All Rights Reserved.&lt;br&gt;<br/>EPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0</p> <p>-----</p> <p>"Jakarta Activation" (com.sun.activation:jakarta.activation)<br/>Copyright (c) 1997,2019 Oracle and/or its affiliates. All rights reserved.<br/><br/>Eclipse Distribution License - v 1.0 Copyright (c) 2007, Eclipse Foundation, Inc. and its licensors.<br/>All rights reserved.<br/>See <a href="#">Appendix M</a></p> <p>-----</p> <p>"org.eclipse.yasson" (org.eclipse:yasson)<br/>Copyright (c) 2019 IBM and/or its affiliates. All rights reserved.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                  |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Copyright (c) 2015,2019 Oracle and/or its affiliates. All rights reserved.</p> <p>Copyright (c) 2019 Payara Foundation and/or its affiliates. All rights reserved.</p> <p>Copyright (c) 2019 Payara Services and/or its affiliates. All rights reserved.</p> <p>Eclipse Public License v. 2.0, Eclipse Distribution License v. 1.0</p> <p>-----</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider           | Component (s)                                    | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|--------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Eclipse Foundation | Jetty 9.4.43.V20210629<br>Jetty 9.4.48.v20220622 | <p>This program and the accompanying materials are made available under the terms of the Eclipse Public License 1.0 which is available at <a href="https://www.eclipse.org/org/documents/epl-1.0/EPL-1.0.txt">https://www.eclipse.org/org/documents/epl-1.0/EPL-1.0.txt</a> or the Apache Software License 2.0 which is available at <a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Oracle elects the Apache Software License 2.0 in all instances where it is available for this component.</p> <p>=====</p> <p>Notice.txt</p> <p>Notices for Eclipse Jetty</p> <p>=====</p> <p>This content is produced and maintained by the Eclipse Jetty project.</p> <p>Project home: <a href="https://www.eclipse.org/jetty/">https://www.eclipse.org/jetty/</a></p> <p>Trademarks</p> <p>-----</p> <p>Eclipse Jetty, and Jetty are trademarks of the Eclipse Foundation.</p> <p>Copyright</p> <p>-----</p> <p>All contributions are the property of the respective authors or of entities to which copyright has been assigned by the authors (eg. employer).</p> <p>Declared Project Licenses</p> <p>-----</p> <p>This artifacts of this project are made available under the terms of:</p> <p>* the Eclipse Public License v. 1.0<br/> <a href="http://www.eclipse.org/legal/epl-v10.html">http://www.eclipse.org/legal/epl-v10.html</a><br/> SPDX-License-Identifier: EPL-1.0</p> <p>or</p> <p>* the Apache License, Version 2.0<br/> <a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a>.<br/> SPDX-License-Identifier: Apache-2.0</p> <p>The following dependencies are EPL.</p> <p>* org.eclipse.jetty.orbit:org.eclipse.jdt.core</p> <p>The following dependencies are EPL and ASL2.</p> <p>*<br/> org.eclipse.jetty.orbit:javax.security.auth.message</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>The following dependencies are EPL and CDDL 1.0.</p> <ul style="list-style-type: none"> <li>* org.eclipse.jetty.orbit:javax.mail.glassfish</li> </ul> <p>If ALPN is used to negotiate HTTP/2 connections, then the following distribution may be included in the distribution or downloaded when ALPN module is selected. These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions. <a href="http://openjdk.java.net/legal/gplv2+ce.html">http://openjdk.java.net/legal/gplv2+ce.html</a></p> <ul style="list-style-type: none"> <li>* java.sun.security.ssl</li> </ul> <p>The following dependencies are licensed by the OW2 Foundation according to the terms of <a href="http://asm.ow2.org/license.html">http://asm.ow2.org/license.html</a></p> <ul style="list-style-type: none"> <li>* org.ow2.asm:asm-commons</li> <li>* org.ow2.asm:asm</li> </ul> <p>The following dependencies are ASL2 licensed.</p> <ul style="list-style-type: none"> <li>* org.apache.taglibs:taglibs-standard-spec</li> <li>* org.apache.taglibs:taglibs-standard-impl</li> </ul> <p>The following dependencies are ASL2 licensed. Based on selected classes from following Apache Tomcat jars, all ASL2 licensed.</p> <ul style="list-style-type: none"> <li>* org.mortbay.jasper:apache-jsp</li> <li>* org.apache.tomcat:tomcat-jasper</li> <li>* org.apache.tomcat:tomcat-juli</li> <li>* org.apache.tomcat:tomcat-jsp-api</li> <li>* org.apache.tomcat:tomcat-el-api</li> <li>* org.apache.tomcat:tomcat-jasper-el</li> <li>* org.apache.tomcat:tomcat-api</li> <li>* org.apache.tomcat:tomcat-util-scan</li> <li>* org.apache.tomcat:tomcat-util</li> <li>* org.mortbay.jasper:apache-el</li> <li>* org.apache.tomcat:tomcat-jasper-el</li> <li>* org.apache.tomcat:tomcat-el-api</li> </ul> <p>The following artifacts are CDDL + GPLv2 with classpath exception. <a href="https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html">https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html</a></p> <ul style="list-style-type: none"> <li>* org.eclipse.jetty.toolchain:jetty-schemas</li> </ul> <p>Cryptography<br/>-----</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Content may contain encryption software. The country in which you are currently may have restrictions on the import, possession, and use, and/or re-export to another country, of encryption software. BEFORE using any encryption software, please check the country's laws, regulations and policies concerning the import, possession, or use, and re-export of encryption software, to see if this is permitted.</p> <p>The UnixCrypt.java code implements the one way cryptography used by Unix systems for simple password protection. Copyright 1996 Aki Yoshida, modified April 2001 by Iris Van den Broeke, Daniel Deville. Permission to use, copy, modify and distribute UnixCrypt for non-commercial or commercial purposes and without fee is granted provided that the copyright notice appears in all copies.</p> <p>=====</p> <p><a href="https://asm.ow2.io/license.html">https://asm.ow2.io/license.html</a></p> <p>License<br/>ASM is released under the following 3-Clause BSD License:</p> <p>ASM: a very small and fast Java bytecode manipulation framework<br/>Copyright (c) 2000-2011 INRIA, France Telecom<br/>All rights reserved.</p> <p>See <a href="#">Appendix M</a></p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider           | Component (s)          | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|--------------------|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Eclipse Foundation | Jetty 9.4.42.v20210604 | <p>This program and the accompanying materials are made available under the terms of the Eclipse Public License 1.0 which is available at <a href="https://www.eclipse.org/org/documents/epl-1.0/EPL-1.0.txt">https://www.eclipse.org/org/documents/epl-1.0/EPL-1.0.txt</a> or the Apache Software License 2.0 which is available at <a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Oracle elects the Apache Software License 2.0 in all instances where it is available for this component.</p> <p>=====</p> <p>Notice.txt</p> <p>Notices for Eclipse Jetty</p> <p>=====</p> <p>This content is produced and maintained by the Eclipse Jetty project.</p> <p>Project home: <a href="https://www.eclipse.org/jetty/">https://www.eclipse.org/jetty/</a></p> <p>Trademarks</p> <p>-----</p> <p>Eclipse Jetty, and Jetty are trademarks of the Eclipse Foundation.</p> <p>Copyright</p> <p>-----</p> <p>All contributions are the property of the respective authors or of entities to which copyright has been assigned by the authors (eg. employer).</p> <p>Declared Project Licenses</p> <p>-----</p> <p>This artifacts of this project are made available under the terms of:</p> <p>* the Eclipse Public License v. 1.0 <a href="http://www.eclipse.org/legal/epl-v10.html">http://www.eclipse.org/legal/epl-v10.html</a> SPDX-License-Identifier: EPL-1.0</p> <p>or</p> <p>* the Apache License, Version 2.0 <a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a>. SPDX-License-Identifier: Apache-2.0</p> <p>The following dependencies are EPL and ASL2.</p> <p>* org.eclipse.jetty.orbit:javax.security.auth.message</p> <p>The following dependencies are licensed by the OW2 Foundation according to the terms of <a href="http://asm.ow2.org/license.html">http://asm.ow2.org/license.html</a></p> <p>* org.ow2.asm:asm-commons</p> <p>* org.ow2.asm:asm</p> <p>The following dependencies are ASL2 licensed.</p> <p>* org.apache.taglibs:taglibs-standard-spec</p> <p>* org.apache.taglibs:taglibs-standard-impl</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>The following dependencies are ASL2 licensed. Based on selected classes from following Apache Tomcat jars, all ASL2 licensed.</p> <ul style="list-style-type: none"> <li>* org.mortbay.jasper:apache-jsp</li> <li>* org.apache.tomcat:tomcat-jasper</li> <li>* org.apache.tomcat:tomcat-juli</li> <li>* org.apache.tomcat:tomcat-jsp-api</li> <li>* org.apache.tomcat:tomcat-el-api</li> <li>* org.apache.tomcat:tomcat-jasper-el</li> <li>* org.apache.tomcat:tomcat-api</li> <li>* org.apache.tomcat:tomcat-util-scan</li> <li>* org.apache.tomcat:tomcat-util</li> <li>* org.mortbay.jasper:apache-el</li> <li>* org.apache.tomcat:tomcat-jasper-el</li> <li>* org.apache.tomcat:tomcat-el-api</li> </ul> <p>Cryptography<br/>-----</p> <p>Content may contain encryption software. The country in which you are currently may have restrictions on the import, possession, and use, and/or re-export to another country, of encryption software. BEFORE using any encryption software, please check the country's laws, regulations and policies concerning the import, possession, or use, and re-export of encryption software, to see if this is permitted.</p> <p>The UnixCrypt.java code implements the one way cryptography used by Unix systems for simple password protection. Copyright 1996 Aki Yoshida, modified April 2001 by Iris Van den Broeke, Daniel Deville. Permission to use, copy, modify and distribute UnixCrypt for non-commercial or commercial purposes and without fee is granted provided that the copyright notice appears in all copies.</p> <p>APACHE 2.0 - See <a href="#">Appendix E</a></p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider           | Component (s)          | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|--------------------|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Eclipse Foundation | Jetty 9.4.30.v20200611 | <p>This program and the accompanying materials are made available under the terms of the Eclipse Public License 1.0 which is available at <a href="https://www.eclipse.org/org/documents/epl-1.0/EPL-1.0.txt">https://www.eclipse.org/org/documents/epl-1.0/EPL-1.0.txt</a> or the Apache Software License 2.0 which is available at <a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a></p> <p>EPL License 1.0, refer <a href="#">Appendix J</a></p> <p>APACHE 2.0 - See <a href="#">Appendix E</a></p> <p>Notices for Eclipse Jetty</p> <p>=====</p> <p>This content is produced and maintained by the Eclipse Jetty project.</p> <p>Project home: <a href="https://www.eclipse.org/jetty/">https://www.eclipse.org/jetty/</a></p> <p>Trademarks</p> <p>-----</p> <p>Eclipse Jetty, and Jetty are trademarks of the Eclipse Foundation.</p> <p>Copyright</p> <p>-----</p> <p>All contributions are the property of the respective authors or of entities to which copyright has been assigned by the authors (eg. employer).</p> <p>Declared Project Licenses</p> <p>-----</p> <p>This artifacts of this project are made available under the terms of:</p> <p>* the Eclipse Public License v. 1.0</p> <p><a href="http://www.eclipse.org/legal/epl-v10.html">http://www.eclipse.org/legal/epl-v10.html</a> SPDX-License-Identifier: EPL-1.0</p> <p>or</p> <p>* the Apache License, Version 2.0</p> <p><a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a>. SPDX-License-Identifier: Apache-2.0</p> <p>The following dependencies are EPL.</p> <p>* org.eclipse.jetty.orbit:org.eclipse.jdt.core</p> <p>The following dependencies are EPL and ASL2.</p> <p>* org.eclipse.jetty.orbit:javax.security.auth.message</p> <p>The following dependencies are EPL and CDDL 1.0.</p> <p>* org.eclipse.jetty.orbit:javax.mail.glassfish</p> <p>The following dependencies are CDDL + GPLv2 with classpath exception.</p> <p><a href="https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html">https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html</a></p> <p>* javax.servlet:javax.servlet-api</p> <p>* javax.annotation:javax.annotation-api</p> <p>* javax.transaction:javax.transaction-api</p> <p>* javax.websocket:javax.websocket-api</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>If ALPN is used to negotiate HTTP/2 connections, then the following distribution may be included in the distribution or downloaded when ALPN module is selected. These artifacts replace/modify OpenJDK classes.</p> <p>The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.<br/> <a href="http://openjdk.java.net/legal/gplv2+ce.html">http://openjdk.java.net/legal/gplv2+ce.html</a><br/> * java.sun.security.ssl</p> <p>The following dependencies are licensed by the OW2 Foundation according to the terms of<br/> <a href="http://asm.ow2.org/license.html">http://asm.ow2.org/license.html</a><br/> * org.ow2.asm:asm-commons<br/> * org.ow2.asm:asm</p> <p>The following dependencies are ASL2 licensed.<br/> * org.apache.taglibs:taglibs-standard-spec<br/> * org.apache.taglibs:taglibs-standard-impl</p> <p>The following dependencies are ASL2 licensed.<br/> Based on selected classes from following Apache Tomcat jars, all ASL2 licensed.<br/> * org.mortbay.jasper:apache-jsp<br/> * org.apache.tomcat:tomcat-jasper<br/> * org.apache.tomcat:tomcat-juli<br/> * org.apache.tomcat:tomcat-jsp-api<br/> * org.apache.tomcat:tomcat-el-api<br/> * org.apache.tomcat:tomcat-jasper-el<br/> * org.apache.tomcat:tomcat-api<br/> * org.apache.tomcat:tomcat-util-scan<br/> * org.apache.tomcat:tomcat-util<br/> * org.mortbay.jasper:apache-el<br/> * org.apache.tomcat:tomcat-jasper-el<br/> * org.apache.tomcat:tomcat-el-api</p> <p>The following artifacts are CDDL + GPLv2 with classpath exception.<br/> <a href="https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html">https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html</a><br/> * org.eclipse.jetty.toolchain:jetty-schemas</p> <p>Cryptography<br/> -----</p> <p>Content may contain encryption software. The country in which you are currently may have restrictions on the import, possession, and use, and/or re-export to another country, of encryption software. BEFORE using any encryption software, please check the country's laws, regulations and policies concerning the import, possession, or use, and re-export of encryption software, to see if this is permitted.</p> <p>The UnixCrypt.java code implements the one way cryptography used by Unix systems for simple password</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>protection. Copyright 1996 Aki Yoshida, modified April 2001 by Iris Van den Broeke, Daniel Deville. Permission to use, copy, modify and distribute UnixCrypt for non-commercial or commercial purposes and without fee is granted provided that the copyright notice appears in all copies.</p> <p>-----</p> <p>#####4th party dependencies#####</p> <p>org.ow2.asm asm / asm-common / asm-tree / asm-analysis 7.0</p> <p>COPYRIGHT and LICENSE:</p> <p>ASM: a very small and fast Java bytecode manipulation framework Copyright (c) 2000-2011 INRIA, France Telecom All rights reserved.</p> <p>See <a href="#">Appendix M</a></p> <p>-----</p> <p>FOURTH-PARTY DEPENDENCY #2 org.ow2.asm:asm 7.3.1</p> <p>FOURTH-PARTY DEPENDENCY #2 LICENSE of org.ow2.asm:asm component</p> <p>License</p> <p>ASM is released under the following 3-Clause BSD License:</p> <p>ASM: a very small and fast Java bytecode manipulation framework</p> <p>Copyright (c) 2000-2011 INRIA, France Telecom</p> <p>All rights reserved.</p> <p>See <a href="#">Appendix M</a></p> <p>=====End of LICENSE of org.ow2.asm:asm component component=====</p> <p>=====</p> <p>=====</p> <p>===== ---</p> <p>org.mortbay.jasper apache-jsp 9.0.29</p> <p>COPYRIGHT: Mort Bay Consulting</p> <p>LICENSE: Apache 2.0 same as top-level license text above.</p> <p>---</p> <p>org.apache.taglibs taglibs-standard-imp 1.2.5</p> <p>org.apache.taglibs taglibs-standard-spec 1.2.5</p> <p>COPYRIGHT: Copyright © 2001-2015 The Apache Software Foundation. All Rights Reserved.</p> <p>LICENSE: Apache 2.0 <a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a></p> <p>same as top-level license text above.</p> <p>---</p> <p>org.eclipse.jetty.toolchain jetty-perf-helper 1.0.5</p> <p>COPYRIGHT and LICENSE:</p> <p>// Copyright (c) 1995-2014 Mort Bay Consulting Pty. Ltd.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <pre>// ----- // All rights reserved. This program and the accompanying // materials // are made available under the terms of the Eclipse Public // License v1.0 // and Apache License v2.0 which accompanies // this distribution. // // The Eclipse Public License is available at // http://www.eclipse.org/legal/epl-v10.html // // The Apache License v2.0 is available at // http://www.opensource.org/licenses/apache2.0.php // // You may elect to redistribute this code under either of // these licenses. same as top-level license text above. --- org.slf4j jcl104-over-slf4j 1.7.25 org.slf4j log4j-over-slf4j 1.7.25 org.slf4j slf4j-api 1.7.25 org.slf4j slf4j-simple 1.7.25 COPYRIGHT and LICENSE: Copyright (c) 2004-2017 QOS.ch All rights reserved. See <a href="#">Appendix G</a> ----- org.jboss.logging 3.3.2.Final COPYRIGHT: Copyright 2010 Red Hat, Inc. LICENSE: Apache 2.0 https://github.com/jboss-logging/ jboss-logging/blob/3.3.2.Final/src/main/resources/META-INF/ LICENSE.txt same as top-level license text above. --- com.github.jnr jnr-unixsocket 0.24 COPYRIGHT: Copyright (C) 2016 Fritz Elfert Copyright (C) 2009 Wayne Meissner Copyright (C) 2016 Marcus Linke Copyright (C) 2014 Greg Vanore LICENSE: Apache 2.0 Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at http://www.apache.org/licenses/LICENSE-2.0</pre> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.</p> <p>same as top-level license text above.</p> <p>---</p> <p>org.infinispan » infinispan-core 9.4.8.Final<br/>org.infinispan » infinispan-query 9.4.8.Final<br/>org.infinispan » infinispan-client-hotrod 9.4.8.Final<br/>org.infinispan » infinispan-remote-query-client 9.4.8.Final<br/>Copyright The Infinispan Project Team<br/>LICENSE: Apache 2.0<br/><a href="https://github.com/infinispan/infinispan/blob/9.4.8.Final/LICENSE.md">https://github.com/infinispan/infinispan/blob/9.4.8.Final/LICENSE.md</a><br/>same as top-level license text above.</p> <p>---</p> <p>org.springframework » spring-beans 5.1.1.RELEASE<br/>COPYRIGHT: Copyright (c) 2002-2020 Pivotal, Inc.<br/>LICENSE: Apache 2.0<br/>The Spring Framework is released under version 2.0 of the Apache License.<br/>same as top-level license text above.</p> <p>---</p> <p>com.hazelcast » hazelcast 3.12.6 com.hazelcast » hazelcast-client 3.12.6<br/>LICENSE: Apache 2.0<br/><a href="https://github.com/hazelcast/hazelcast/blob/v3.9.4/LICENSE">https://github.com/hazelcast/hazelcast/blob/v3.9.4/LICENSE</a> /</p> <p>*</p> <p>* Copyright (c) 2008-2020, Hazelcast, Inc. All Rights Reserved.</p> <p>*</p> <p>* Licensed under the Apache License, Version 2.0 (the "License");</p> <p>* you may not use this file except in compliance with the License.</p> <p>* You may obtain a copy of the License at *</p> <p>* <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>*</p> <p>* Unless required by applicable law or agreed to in writing, software</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>* distributed under the License is distributed on an "AS IS" BASIS,</p> <p>* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.</p> <p>* See the License for the specific language governing permissions and</p> <p>* limitations under the License.</p> <p>*/ same as top-level license text above.</p> <p>===</p> <p>---</p> <p>org.conscrypt, v2.4.0, Apache 2.0</p> <p>COPYRIGHT and LICENSE:</p> <p>Copyright 2016</p> <p>The Android Open Source Project Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a> Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.</p> <p>=====</p> <p>=====</p> <p>org.json:json, v20160810, The JSON License:</p> <p>* JSON in Java (org.json:json:20160810 - <a href="https://github.com/douglascrockford/JSON-java">https://github.com/douglascrockford/JSON-java</a>)</p> <p>Copyright (c) 2002 JSON.org</p> <p>See <a href="#">Appendix G</a></p> <p>-----</p> <p>Jackson, v2.9.9, Apache 2.0</p> <p>Copyright © 2008–2019 FasterXML. All rights reserved.</p> <p>This copy of Jackson JSON processor streaming parser/generator is licensed under the</p> <p>Apache (Software) License, version 2.0 ("the License").</p> <p>See the License for details about distribution rights, and the specific rights regarding derivate works.</p> <p>You may obtain a copy of the License at:</p> <p><a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>NOTICE FILE:</p> <p>=====</p> <p># Jackson JSON processor</p> <p>Jackson is a high-performance, Free/Open Source JSON processing library.</p> <p>It was originally written by Tatu Saloranta (<a href="mailto:tatu.saloranta@iki.fi">tatu.saloranta@iki.fi</a>), and has been in development since 2007.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>It is currently developed by a community of developers, as well as supported commercially by FasterXML.com.</p> <p>## Licensing</p> <p>Jackson core and extension components may licensed under different licenses.</p> <p>To find the details that apply to this artifact see the accompanying LICENSE file.</p> <p>For more information, including possible other licensing options, contact FasterXML.com (<a href="http://fasterxml.com">http://fasterxml.com</a>).</p> <p>## Credits</p> <p>A list of contributors may be found from CREDITS file, which is included in some artifacts (usually source distributions); but is always available from the source code management (SCM) system project uses.</p> <p>=====</p> <p>From the LICENSE file:</p> <p>For Apache License, see <a href="#">Appendix E</a></p> <p>-----</p> <p>Apache Taglibs</p> <p>For Apache License, see <a href="#">Appendix E</a></p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider           | Component (s)                                    | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|--------------------|--------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Eclipse Foundation | Jetty 9.4.40.v20210413<br>Jetty 9.4.43.V20210629 | <p>TOP-LEVEL LICENSE TEXT Jetty 9.4.40.v20210413</p> <p>This program and the accompanying materials are made available under the terms of the Eclipse Public License 1.0 which is available at <a href="https://www.eclipse.org/org/documents/epl-1.0/EPL-1.0.txt">https://www.eclipse.org/org/documents/epl-1.0/EPL-1.0.txt</a> or the Apache Software License 2.0 which is available at <a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Oracle elects the Apache 2.0 license</p> <p>For Apache License, see <a href="#">Appendix E</a></p> <p>-----separator-----</p> <p>TOP-LEVEL NOTICE TEXT</p> <p>Notice.txt</p> <p>Notices for Eclipse Jetty</p> <p>=====</p> <p>This content is produced and maintained by the Eclipse Jetty project.</p> <p>Project home: <a href="https://www.eclipse.org/jetty/">https://www.eclipse.org/jetty/</a></p> <p>Trademarks</p> <p>-----</p> <p>Eclipse Jetty, and Jetty are trademarks of the Eclipse Foundation.</p> <p>Copyright</p> <p>-----</p> <p>All contributions are the property of the respective authors or of entities to which copyright has been assigned by the authors (eg. employer).</p> <p>Declared Project Licenses</p> <p>-----</p> <p>This artifacts of this project are made available under the terms of:</p> <p>* the Eclipse Public License v. 1.0 <a href="http://www.eclipse.org/legal/epl-v10.html">http://www.eclipse.org/legal/epl-v10.html</a> SPDX-License-Identifier: EPL-1.0</p> <p>or</p> <p>* the Apache License, Version 2.0 <a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a>. SPDX-License-Identifier: Apache-2.0</p> <p>The following dependencies are EPL.</p> <p>* org.eclipse.jetty.orbit:org.eclipse.jdt.core</p> <p>The following dependencies are EPL and ASL2.</p> <p>* org.eclipse.jetty.orbit:javax.security.auth.message</p> <p>The following dependencies are EPL and CDDL 1.0.</p> <p>* org.eclipse.jetty.orbit:javax.mail.glassfish</p> <p>If ALPN is used to negotiate HTTP/2 connections, then the following distribution may be included in the distribution or downloaded when ALPN module is selected. These artifacts replace/modify OpenJDK classes. The modifications are</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>hosted at github and both modified and original are under GPL v2 with classpath exceptions.<br/> <a href="http://openjdk.java.net/legal/gplv2+ce.html">http://openjdk.java.net/legal/gplv2+ce.html</a><br/>           * java.sun.security.ssl<br/>           The following dependencies are licensed by the OW2 Foundation according to the terms of <a href="http://asm.ow2.org/license.html">http://asm.ow2.org/license.html</a><br/>           * org.ow2.asm:asm-commons<br/>           * org.ow2.asm:asm<br/>           The following dependencies are ASL2 licensed.<br/>           * org.apache.taglibs:taglibs-standard-spec<br/>           * org.apache.taglibs:taglibs-standard-impl<br/>           The following dependencies are ASL2 licensed. Based on selected classes from following Apache Tomcat jars, all ASL2 licensed.<br/>           * org.mortbay.jasper:apache-jsp<br/>           * org.apache.tomcat:tomcat-jasper<br/>           * org.apache.tomcat:tomcat-juli<br/>           * org.apache.tomcat:tomcat-jsp-api<br/>           * org.apache.tomcat:tomcat-el-api<br/>           * org.apache.tomcat:tomcat-jasper-el<br/>           * org.apache.tomcat:tomcat-api<br/>           * org.apache.tomcat:tomcat-util-scan<br/>           * org.apache.tomcat:tomcat-util<br/>           * org.mortbay.jasper:apache-el<br/>           * org.apache.tomcat:tomcat-jasper-el<br/>           * org.apache.tomcat:tomcat-el-api<br/>           The following artifacts are CDDL + GPLv2 with classpath exception.<br/> <a href="https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html">https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html</a><br/>           * org.eclipse.jetty.toolchain:jetty-schemas<br/>           Cryptography<br/>           -----<br/>           Content may contain encryption software. The country in which you are currently may have restrictions on the import, possession, and use, and/or re-export to another country, of encryption software. BEFORE using any encryption software, please check the country's laws, regulations and policies concerning the import, possession, or use, and re-export of encryption software, to see if this is permitted.<br/>           The UnixCrypt.java code implements the one way cryptography used by Unix systems for simple password protection. Copyright 1996 Aki Yoshida, modified April 2001 by Iris Van den Broeke, Daniel Deville. Permission to use, copy, modify and distribute UnixCrypt for non-commercial or commercial purposes and without fee is granted provided that the copyright notice appears in all copies.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>=====</p> <p>=====</p> <p><a href="https://asm.ow2.io/license.html">https://asm.ow2.io/license.html</a></p> <p>License</p> <p>ASM is released under the following 3-Clause BSD License:</p> <p>ASM: a very small and fast Java bytecode manipulation framework<br/>Copyright (c) 2000-2011 INRIA, France Telecom<br/>All rights reserved.</p> <p>See <a href="#">Appendix M</a></p> <p>-----separator-----</p> <p>FOURTH-PARTY DEPENDENCY #1<br/>org.eclipse.jetty.http2:http2-http-client-transport:9.4.40.v20210413<br/>FOURTH-PARTY DEPENDENCY #2<br/>org.eclipse.jetty:jetty-client:9.4.40.v20210413<br/>FOURTH-PARTY DEPENDENCY #3<br/>org.eclipse.jetty:jetty-http:9.4.40.v20210413<br/>FOURTH-PARTY DEPENDENCY #4<br/>org.eclipse.jetty:jetty-util:9.4.40.v20210413<br/>FOURTH-PARTY DEPENDENCY #5<br/>org.eclipse.jetty:jetty-io:9.4.40.v20210413<br/>FOURTH-PARTY DEPENDENCY #6<br/>org.eclipse.jetty.http2:http2-client:9.4.40.v20210413<br/>FOURTH-PARTY DEPENDENCY #7<br/>org.eclipse.jetty.http2:http2-common:9.4.40.v20210413<br/>FOURTH-PARTY DEPENDENCY #8<br/>org.eclipse.jetty.http2:http2-hpack:9.4.40.v20210413<br/>FOURTH-PARTY DEPENDENCY #9<br/>org.eclipse.jetty:jetty-alpn-client:9.4.40.v20210413<br/>FOURTH-PARTY DEPENDENCY #10<br/>org.eclipse.jetty:jetty-alpn-java-client:9.4.40.v20210413</p> <p>License text and Notice is same as Top level license text and notice</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider                   | Component (s)                                                                    | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------------------------|----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Apache Software Foundation | Jetty 11.0.7<br>Jetty 11.0.11<br>Jetty 11.0.15<br>Jetty 11.0.17<br>Jetty 11.0.20 | <p>Notices for Eclipse Jetty<br/>=====</p> <p>This content is produced and maintained by the Eclipse Jetty project.</p> <p>Project home: <a href="https://www.eclipse.org/jetty/">https://www.eclipse.org/jetty/</a></p> <p>Trademarks<br/>-----</p> <p>Eclipse Jetty, and Jetty are trademarks of the Eclipse Foundation.</p> <p>Copyright<br/>-----</p> <p>All contributions are the property of the respective authors or of entities to which copyright has been assigned by the authors (eg. employer).</p> <p>Declared Project Licenses<br/>-----</p> <p>This artifacts of this project are made available under the terms of:</p> <p style="padding-left: 40px;">* the Eclipse Public License v2.0<br/> <a href="https://www.eclipse.org/legal/epl-2.0">https://www.eclipse.org/legal/epl-2.0</a><br/>           SPDX-License-Identifier: EPL-2.0</p> <p style="padding-left: 40px;">or</p> <p style="padding-left: 40px;">* the Apache License, Version 2.0<br/> <a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a><br/>           SPDX-License-Identifier: Apache-2.0</p> <p>For Apache License, see <a href="#">Appendix E</a></p> <p>-----separator-----</p> <p>FOURTH-PARTY DEPENDENCY #1<br/>           org.eclipse.jetty.http2:http2-http-client-transport:11.0.11 -- Apache , EPL<br/>           FOURTH-PARTY DEPENDENCY #2 org.eclipse.jetty:jetty-client:11.0.11 -- Apache , EPL<br/>           FOURTH-PARTY DEPENDENCY #3 org.eclipse.jetty:jetty-http:11.0.11 -- Apache , EPL<br/>           FOURTH-PARTY DEPENDENCY #4 org.eclipse.jetty:jetty-util:11.0.11 -- Apache , EPL<br/>           FOURTH-PARTY DEPENDENCY #5 org.eclipse.jetty:jetty-io:11.0.11 -- Apache , EPL<br/>           FOURTH-PARTY DEPENDENCY #6 org.eclipse.jetty:jetty-alpn-client:11.0.11 -- Apache , EPL<br/>           FOURTH-PARTY DEPENDENCY #7<br/>           org.eclipse.jetty.http2:http2-client:11.0.11 --</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Apache , EPL<br/> FOURTH-PARTY DEPENDENCY #8<br/> org.eclipse.jetty.http2:http2-common:11.0.11 --<br/> Apache , EPL<br/> FOURTH-PARTY DEPENDENCY #9<br/> org.eclipse.jetty.http2:http2-hpack:11.0.11 --<br/> Apache , EPL<br/> FOURTH-PARTY DEPENDENCY #10<br/> org.eclipse.jetty:jetty-alpn-java-client:11.0.11<br/> -- Apache , EPL<br/> Copyright and license same as TEXT mentioned under<br/> TOP-LEVEL License Text<br/> -----separator-----<br/> FOURTH-PARTY DEPENDENCY #11 org.slf4j:slf4j-<br/> api:2.0.0-alpha5 -&gt; 1.7.36 -- MIT<br/> Copyright (c) 2004-2017 QOS.ch</p> <p>See <a href="#">Appendix G</a></p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s)                                                                    | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------|----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Jetty    | Jetty ReactiveStream HttpClient 1.1.10<br>Jetty ReactiveStream HttpClient 1.1.12 | <p>TOP-LEVEL LICENSE TEXT for org.eclipse.jetty:jetty-reactive-httpclient:1.1.10<br/>For Apache License, see <a href="#">Appendix E</a></p> <p>FOURTH-PARTY DEPENDENCY #1<br/>org.reactivestreams:reactive-streams 1.0.3</p> <p>COPYRIGHT NOTICES</p> <p>/</p> <p>*****<br/>*****</p> <p>* Licensed under Public Domain (CC0) *<br/>* *<br/>* To the extent possible under law, the person who associated CC0 with *<br/>* this code has waived all copyright and related or neighboring *<br/>* rights to this code. *<br/>* *<br/>* You should have received a copy of the CC0 legalcode along with this *<br/>* work. If not, see .*<br/>*****<br/>*****/</p> <p>FOURTH-PARTY DEPENDENCY #1 LICENSE<br/>No Copyright<br/>The person who associated a work with this deed has dedicated the work to the public domain by waiving all of his or her rights to the work worldwide under copyright law, including all related and neighboring rights, to the extent allowed by law.<br/>You can copy, modify, distribute and perform the work, even for commercial purposes, all without asking permission. See Other Information below.<br/>This license is acceptable for Free Cultural Works.<br/>Other Information<br/>In no way are the patent or trademark rights of any person affected by CC0, nor are the rights that other persons may have in the work or in how the work is used, such as publicity or privacy rights.<br/>Unless expressly stated otherwise, the person who associated a work with this deed makes no warranties about the work, and disclaims liability for all uses of the work, to the fullest extent permitted by applicable law. When using or citing the work, you should not imply endorsement by the author or the affirmer.</p> <p>-----separator-----<br/>FOURTH-PARTY DEPENDENCY #2 org.eclipse.jetty:jetty-client 9.4.40.v20210413</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <pre> ===== ===== Jetty Web Container Copyright 1995-2019 Mort Bay Consulting Pty Ltd. ===== =====  The Jetty Web Container is Copyright Mort Bay Consulting Pty Ltd unless otherwise noted.  Jetty is dual licensed under both  * The Apache 2.0 License   http://www.apache.org/licenses/LICENSE-2.0.html  and  * The Eclipse Public 1.0 License   http://www.eclipse.org/legal/epl-v10.html  Jetty may be distributed under either license.  Text available in above links are represented below.  ----- Eclipse  The following artifacts are EPL. * org.eclipse.jetty.orbit:org.eclipse.jdt.core  The following artifacts are EPL and ASL2. * org.eclipse.jetty.orbit:javax.security.auth.message  The following artifacts are EPL and CDDL 1.0. * org.eclipse.jetty.orbit:javax.mail.glassfish  ----- OW2  The following artifacts are licensed by the OW2 Foundation according to the terms of http://asm.ow2.org/license.html  org.ow2.asm:asm-commons org.ow2.asm:asm  ASM is released under the following 3-Clause BSD License:  ASM: a very small and fast Java bytecode </pre> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>manipulation framework<br/>Copyright (c) 2000-2011 INRIA, France Telecom<br/>All rights reserved.</p> <p>See <a href="#">Appendix M</a></p> <p>-----<br/>Apache</p> <p>The following artifacts are ASL2 licensed.</p> <p>org.apache.taglibs:taglibs-standard-spec<br/>org.apache.taglibs:taglibs-standard-impl</p> <p>-----<br/>MortBay</p> <p>The following artifacts are ASL2 licensed. Based on selected classes from following Apache Tomcat jars, all ASL2 licensed.</p> <p>org.mortbay.jasper:apache-jsp<br/>org.apache.tomcat:tomcat-jasper<br/>org.apache.tomcat:tomcat-juli<br/>org.apache.tomcat:tomcat-jsp-api<br/>org.apache.tomcat:tomcat-el-api<br/>org.apache.tomcat:tomcat-jasper-el<br/>org.apache.tomcat:tomcat-api<br/>org.apache.tomcat:tomcat-util-scan<br/>org.apache.tomcat:tomcat-util</p> <p>org.mortbay.jasper:apache-el<br/>org.apache.tomcat:tomcat-jasper-el<br/>org.apache.tomcat:tomcat-el-api</p> <p>-----<br/>Assorted</p> <p>The UnixCrypt.java code implements the one way cryptography used by Unix systems for simple password protection. Copyright 1996 Aki Yoshida, modified April 2001 by Iris Van den Broeke, Daniel Deville.<br/>Permission to use, copy, modify and distribute UnixCrypt for non-commercial or commercial purposes and without fee is granted provided that the copyright notice appears in all copies.</p> |

Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <div>-----<br/>Eclipse Public License - v 1.0<br/>THE ACCOMPANYING PROGRAM IS PROVIDED<br/>UNDER THE TERMS OF THIS ECLIPSE PUBLIC<br/>LICENSE ("AGREEMENT"). ANY USE,<br/>REPRODUCTION OR DISTRIBUTION OF THE<br/>PROGRAM CONSTITUTES RECIPIENT'S<br/>ACCEPTANCE OF THIS AGREEMENT.<br/><br/>EPL License 1.0, refer <a href="#">Appendix J</a><br/><br/>-----separator-----<br/><br/>FOURTH-PARTY DEPENDENCY #3 org.slf4j:slf4j-api<br/>1.7.30<br/><br/>COMMON COPYRIGHT NOTICES and LICENSE TEXT<br/><br/>MIT License<br/>See <a href="#">Appendix G</a><br/><br/>-----separator-----</div> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s)                         | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Jetty    | Jetty ReactiveStream HttpClient 1.1.9 | <p>TOP-LEVEL LICENSE TEXT for org.eclipse.jetty:jetty-reactive-httpclient:1.1.9<br/>For Apache License, see <a href="#">Appendix E</a></p> <p>FOURTH-PARTY DEPENDENCY #1<br/>org.reactivestreams:reactive-streams 1.0.3</p> <p>COPYRIGHT NOTICES</p> <p>/</p> <p>*****<br/>*****</p> <p>* Licensed under Public Domain (CC0) *<br/>* *<br/>* To the extent possible under law, the person who associated CC0 with *<br/>* this code has waived all copyright and related or neighboring *<br/>* rights to this code. *<br/>* *<br/>* You should have received a copy of the CC0 legalcode along with this *<br/>* work. If not, see .*<br/>*****<br/>*****/</p> <p>FOURTH-PARTY DEPENDENCY #1 LICENSE<br/>No Copyright<br/>The person who associated a work with this deed has dedicated the work to the public domain by waiving all of his or her rights to the work worldwide under copyright law, including all related and neighboring rights, to the extent allowed by law.<br/>You can copy, modify, distribute and perform the work, even for commercial purposes, all without asking permission. See Other Information below.<br/>This license is acceptable for Free Cultural Works.<br/>Other Information<br/>In no way are the patent or trademark rights of any person affected by CC0, nor are the rights that other persons may have in the work or in how the work is used, such as publicity or privacy rights.<br/>Unless expressly stated otherwise, the person who associated a work with this deed makes no warranties about the work, and disclaims liability for all uses of the work, to the fullest extent permitted by applicable law. When using or citing the work, you should not imply endorsement by the author or the affirmer.</p> <p>-----separator-----<br/>FOURTH-PARTY DEPENDENCY #2 org.eclipse.jetty:jetty-client 9.4.40.v20210413</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <pre> ===== ===== Jetty Web Container Copyright 1995-2019 Mort Bay Consulting Pty Ltd. ===== =====  The Jetty Web Container is Copyright Mort Bay Consulting Pty Ltd unless otherwise noted.  Jetty is dual licensed under both  * The Apache 2.0 License   http://www.apache.org/licenses/LICENSE-2.0.html  and  * The Eclipse Public 1.0 License   http://www.eclipse.org/legal/epl-v10.html  Jetty may be distributed under either license.  Text available in above links are represented below.  ----- Eclipse  The following artifacts are EPL. * org.eclipse.jetty.orbit:org.eclipse.jdt.core  The following artifacts are EPL and ASL2. * org.eclipse.jetty.orbit:javax.security.auth.message  The following artifacts are EPL and CDDL 1.0. * org.eclipse.jetty.orbit:javax.mail.glassfish  ----- OW2  The following artifacts are licensed by the OW2 Foundation according to the terms of http://asm.ow2.org/license.html  org.ow2.asm:asm-commons org.ow2.asm:asm  ASM is released under the following 3-Clause BSD License:  ASM: a very small and fast Java bytecode </pre> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>manipulation framework<br/>Copyright (c) 2000-2011 INRIA, France Telecom<br/>All rights reserved.</p> <p>See <a href="#">Appendix M</a></p> <p>-----<br/>Apache</p> <p>The following artifacts are ASL2 licensed.</p> <p>org.apache.taglibs:taglibs-standard-spec<br/>org.apache.taglibs:taglibs-standard-impl</p> <p>-----<br/>MortBay</p> <p>The following artifacts are ASL2 licensed. Based on selected classes from following Apache Tomcat jars, all ASL2 licensed.</p> <p>org.mortbay.jasper:apache-jsp<br/>org.apache.tomcat:tomcat-jasper<br/>org.apache.tomcat:tomcat-juli<br/>org.apache.tomcat:tomcat-jsp-api<br/>org.apache.tomcat:tomcat-el-api<br/>org.apache.tomcat:tomcat-jasper-el<br/>org.apache.tomcat:tomcat-api<br/>org.apache.tomcat:tomcat-util-scan<br/>org.apache.tomcat:tomcat-util</p> <p>org.mortbay.jasper:apache-el<br/>org.apache.tomcat:tomcat-jasper-el<br/>org.apache.tomcat:tomcat-el-api</p> <p>-----<br/>Assorted</p> <p>The UnixCrypt.java code implements the one way cryptography used by Unix systems for simple password protection. Copyright 1996 Aki Yoshida, modified April 2001 by Iris Van den Broeke, Daniel Deville.<br/>Permission to use, copy, modify and distribute UnixCrypt for non-commercial or commercial purposes and without fee is granted provided that the copyright notice appears in all copies.</p> |

Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <div>-----<br/>Eclipse Public License - v 1.0<br/>THE ACCOMPANYING PROGRAM IS PROVIDED<br/>UNDER THE TERMS OF THIS ECLIPSE PUBLIC<br/>LICENSE ("AGREEMENT"). ANY USE,<br/>REPRODUCTION OR DISTRIBUTION OF THE<br/>PROGRAM CONSTITUTES RECIPIENT'S<br/>ACCEPTANCE OF THIS AGREEMENT.<br/><br/>EPL License 1.0, refer <a href="#">Appendix J</a><br/><br/>-----separator-----<br/><br/>FOURTH-PARTY DEPENDENCY #3 org.slf4j:slf4j-api<br/>1.7.30<br/><br/>COMMON COPYRIGHT NOTICES and LICENSE TEXT<br/><br/>MIT License See <a href="#">Appendix G</a></div> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s)                         | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Jetty    | Jetty ReactiveStream HttpClient 1.1.8 | <pre> /*  *  * Licensed under the Apache License, Version 2.0 (the  * "License");  * you may not use this file except in compliance with  * the License.  * You may obtain a copy of the License at  *  * http://www.apache.org/licenses/LICENSE-2.0  *  * Unless required by applicable law or agreed to in  * writing, software  * distributed under the License is distributed on an "AS  * IS" BASIS,  * WITHOUT WARRANTIES OR CONDITIONS OF  * ANY KIND, either express or implied.  * See the License for the specific language governing  * permissions and  * limitations under the License.  */  -----separator----- org.reactivestreams:reactive-streams  / ***** *****  * Licensed under Public Domain (CC0) *  * *  * To the extent possible under law, the person who  * associated CC0 with *  * this code has waived all copyright and related or  * neighboring *  * rights to this code. *  * *  * You should have received a copy of the CC0  * legalcode along with this *  * work. If not, see &lt;http://creativecommons.org/  * publicdomain/zero/1.0/&gt;.* *****/  No Copyright  The person who associated a work with this deed has dedicated the work to the public domain by waiving all of his or her rights to the work worldwide under copyright law, including all related and neighboring rights, to the extent allowed by law.  You can copy, modify, distribute and perform the work, even for commercial purposes, all without asking permission. See Other Information below.  This license is acceptable for Free Cultural Works. </pre> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Other Information</p> <p>In no way are the patent or trademark rights of any person affected by CC0, nor are the rights that other persons may have in the work or in how the work is used, such as publicity or privacy rights.</p> <p>Unless expressly stated otherwise, the person who associated a work with this deed makes no warranties about the work, and disclaims liability for all uses of the work, to the fullest extent permitted by applicable law.</p> <p>When using or citing the work, you should not imply endorsement by the author or the affirmer.</p> <p>-----separator-----</p> <p>org.eclipse.jetty:jetty-client</p> <p>=====</p> <p>=====</p> <p>Jetty Web Container</p> <p>Copyright 1995-2019 Mort Bay Consulting Pty Ltd.</p> <p>=====</p> <p>=====</p> <p>The Jetty Web Container is Copyright Mort Bay Consulting Pty Ltd unless otherwise noted.</p> <p>Jetty is dual licensed under both</p> <p>* The Apache 2.0 License <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a></p> <p>and</p> <p>* The Eclipse Public 1.0 License <a href="http://www.eclipse.org/legal/epl-v10.html">http://www.eclipse.org/legal/epl-v10.html</a></p> <p>Jetty may be distributed under either license.</p> <p>Text available in above links are represented below.</p> <p>Oracle elects the Apache 2.0 License.</p> <p>-----</p> <p>Eclipse</p> <p>The following artifacts are EPL.</p> <p>* org.eclipse.jetty.orbit:org.eclipse.jdt.core</p> <p>The following artifacts are EPL and ASL2.</p> <p>* org.eclipse.jetty.orbit:javax.security.auth.message</p> <p>-----</p> <p>OW2</p> <p>The following artifacts are licensed by the OW2 Foundation according to the terms of <a href="http://asm.ow2.org/license.html">http://asm.ow2.org/license.html</a></p> <p>org.ow2.asm:asm-commons</p> <p>org.ow2.asm:asm</p> <p>ASM is released under the following 3-Clause BSD License:</p> <p>ASM: a very small and fast Java bytecode manipulation framework</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Copyright (c) 2000-2011 INRIA, France Telecom<br/>All rights reserved.</p> <p>See <a href="#">Appendix M</a></p> <p>Apache</p> <p>The following artifacts are ASL2 licensed.</p> <p>org.apache.taglibs:taglibs-standard-spec<br/>org.apache.taglibs:taglibs-standard-impl</p> <p>-----</p> <p>MortBay</p> <p>The following artifacts are ASL2 licensed. Based on selected classes from following Apache Tomcat jars, all ASL2 licensed.</p> <p>org.mortbay.jasper:apache-jsp<br/>org.apache.tomcat:tomcat-jasper<br/>org.apache.tomcat:tomcat-juli<br/>org.apache.tomcat:tomcat-jsp-api<br/>org.apache.tomcat:tomcat-el-api<br/>org.apache.tomcat:tomcat-jasper-el<br/>org.apache.tomcat:tomcat-api<br/>org.apache.tomcat:tomcat-util-scan<br/>org.apache.tomcat:tomcat-util</p> <p>org.mortbay.jasper:apache-el<br/>org.apache.tomcat:tomcat-jasper-el<br/>org.apache.tomcat:tomcat-el-api</p> <p>-----</p> <p>Assorted</p> <p>The UnixCrypt.java code implements the one way cryptography used by Unix systems for simple password protection. Copyright 1996 Aki Yoshida, modified April 2001 by Iris Van den Broeke, Daniel Deville. Permission to use, copy, modify and distribute UnixCrypt for non-commercial or commercial purposes and without fee is granted provided that the copyright notice appears in all copies.</p> <p>-----separator-----</p> <p>org.slf4j:slf4j-api</p> <p>The MIT License (MIT)</p> <p>Copyright (c) 2004-2017 QOS.ch</p> <p>MIT License, refer <a href="#">Appendix G</a></p> <p>-----separator-----</p> <p>APACHE 2.0 - See <a href="#">Appendix E</a></p> <p>EPL License 1.0, refer <a href="#">Appendix J</a></p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s)                                                                                                           | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------|-------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Jetty    | Jetty ReactiveStream HttpClient 3.0.4<br>Jetty ReactiveStream HttpClient 3.0.8<br>Jetty ReactiveStream HttpClient 3.0.9 | <p>TOP-LEVEL COPYRIGHT NOTICE for org.eclipse.jetty:jetty-reactive-httpclient:1.1.10</p> <pre> /*  *  * Licensed under the Apache License, Version 2.0 (the  * "License");  * you may not use this file except in compliance with the  * License.  * You may obtain a copy of the License at  *  * http://www.apache.org/licenses/LICENSE-2.0  *  * Unless required by applicable law or agreed to in writing,  * software  * distributed under the License is distributed on an "AS IS"  * BASIS,  * WITHOUT WARRANTIES OR CONDITIONS OF ANY  * KIND, either express or implied.  * See the License for the specific language governing  * permissions and  * limitations under the License.  */ -----separator----- TOP-LEVEL LICENSE TEXT for org.eclipse.jetty:jetty-reactive-httpclient:1.1.10 APACHE 2.0 - See <a href="#">Appendix E</a> END OF TERMS AND CONDITIONS -----separator----- FOURTH-PARTY DEPENDENCY #1 org.reactivestreams:reactive-streams 1.0.3 COPYRIGHT NOTICES / ***** *** * Licensed under Public Domain (CC0) * * * * To the extent possible under law, the person who associated CC0 with * * this code has waived all copyright and related or neighboring * * rights to this code. * * * * You should have received a copy of the CC0 legalcode along with this * * work. If not, see &lt;http://creativecommons.org/ publicdomain/zero/1.0/&gt;.* </pre> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>*****<br/>***/<br/>FOURTH-PARTY DEPENDENCY #1 LICENSE<br/>No Copyright<br/>The person who associated a work with this deed has dedicated the work to the public domain by waiving all of his or her rights to the work worldwide under copyright law, including all related and neighboring rights, to the extent allowed by law.<br/>You can copy, modify, distribute and perform the work, even for commercial purposes, all without asking permission. See Other Information below.<br/>This license is acceptable for Free Cultural Works.<br/>Other Information<br/>In no way are the patent or trademark rights of any person affected by CC0, nor are the rights that other persons may have in the work or in how the work is used, such as publicity or privacy rights.<br/>Unless expressly stated otherwise, the person who associated a work with this deed makes no warranties about the work, and disclaims liability for all uses of the work, to the fullest extent permitted by applicable law.<br/>When using or citing the work, you should not imply endorsement by the author or the affirmer.<br/>-----seperator-----<br/>FOURTH-PARTY DEPENDENCY #2 org.eclipse.jetty:jetty-client 9.4.43.v20210629<br/>=====</p> <p>Jetty Web Container<br/>Copyright 1995-2021 Mort Bay Consulting Pty Ltd.<br/>=====</p> <p>The Jetty Web Container is Copyright Mort Bay Consulting Pty Ltd<br/>unless otherwise noted.<br/>Jetty is dual licensed under both<br/>* The Apache 2.0 License<br/><a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a><br/>and<br/>* The Eclipse Public 1.0 License<br/><a href="http://www.eclipse.org/legal/epl-v10.html">http://www.eclipse.org/legal/epl-v10.html</a><br/>Jetty may be distributed under either license. Oracle elects the Apache 2.0 license.<br/>Text available in above links are represented below.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>-----</p> <p>Eclipse</p> <p>The following artifacts are EPL.</p> <p>* org.eclipse.jetty.orbit:org.eclipse.jdt.core</p> <p>The following artifacts are EPL and ASL2.</p> <p>* org.eclipse.jetty.orbit:javax.security.auth.message</p> <p>-----</p> <p>OW2</p> <p>The following artifacts are licensed by the OW2 Foundation according to the terms of <a href="http://asm.ow2.org/license.html">http://asm.ow2.org/license.html</a></p> <p>org.ow2.asm:asm-commons</p> <p>org.ow2.asm:asm</p> <p>ASM is released under the following 3-Clause BSD License:</p> <p>ASM: a very small and fast Java bytecode manipulation framework</p> <p>Copyright (c) 2000-2011 INRIA, France Telecom</p> <p>All rights reserved.</p> <p>See <a href="#">Appendix M</a></p> <p>-----</p> <p>Apache</p> <p>The following artifacts are ASL2 licensed.</p> <p>org.apache.taglibs:taglibs-standard-spec</p> <p>org.apache.taglibs:taglibs-standard-impl</p> <p>-----</p> <p>MortBay</p> <p>The following artifacts are ASL2 licensed. Based on selected classes from following Apache Tomcat jars, all ASL2 licensed.</p> <p>org.mortbay.jasper:apache-jsp</p> <p>org.apache.tomcat:tomcat-jasper</p> <p>org.apache.tomcat:tomcat-juli</p> <p>org.apache.tomcat:tomcat-jsp-api</p> <p>org.apache.tomcat:tomcat-el-api</p> <p>org.apache.tomcat:tomcat-jasper-el</p> <p>org.apache.tomcat:tomcat-api</p> <p>org.apache.tomcat:tomcat-util-scan</p> <p>org.apache.tomcat:tomcat-util</p> <p>org.mortbay.jasper:apache-el</p> <p>org.apache.tomcat:tomcat-jasper-el</p> <p>org.apache.tomcat:tomcat-el-api</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>-----</p> <p>Assorted</p> <p>The UnixCrypt.java code implements the one way cryptography used by Unix systems for simple password protection. Copyright 1996 Aki Yoshida, modified April 2001 by Iris Van den Broeke, Daniel Deville. Permission to use, copy, modify and distribute UnixCrypt for non-commercial or commercial purposes and without fee is granted provided that the copyright notice appears in all copies.</p> <p>-----</p> <p><a href="#">Eclipse Public License - v 1.0</a></p> <p>APACHE 2.0 - See <a href="#">Appendix E</a></p> <p>-----separator-----</p> <p>FOURTH-PARTY DEPENDENCY #3 org.slf4j:slf4j-api 1.7.32</p> <p>COMMON COPYRIGHT NOTICES and LICENSE TEXT</p> <p>MIT License See <a href="#">Appendix G</a></p> <p>-----separator-----</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s)                         | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Jetty    | Jetty ReactiveStream HttpClient 3.0.8 | <p>TOP-LEVEL COPYRIGHT NOTICE for org.eclipse.jetty:jetty-reactive-httpclient:3.0.4</p> <pre> /*  *  * Licensed under the Apache License, Version 2.0 (the  * "License");  * you may not use this file except in compliance with the  * License.  * You may obtain a copy of the License at  *  * http://www.apache.org/licenses/LICENSE-2.0  *  * Unless required by applicable law or agreed to in writing,  * software  * distributed under the License is distributed on an "AS IS"  * BASIS,  * WITHOUT WARRANTIES OR CONDITIONS OF ANY  * KIND, either express or implied.  * See the License for the specific language governing  * permissions and  * limitations under the License.  */ -----separator----- TOP-LEVEL LICENSE TEXT for org.eclipse.jetty:jetty-reactive-httpclient:3.0.4 APACHE 2.0 - See <a href="#">Appendix E</a> -----separator----- FOURTH-PARTY DEPENDENCY #1 org.reactivestreams:reactive-streams 1.0.3 COPYRIGHT NOTICES / ***** *** * Licensed under Public Domain (CC0) * * * * To the extent possible under law, the person who * associated CC0 with * * this code has waived all copyright and related or * neighboring * * rights to this code. * * * * You should have received a copy of the CC0 legalcode * along with this * * work. If not, see &lt;http://creativecommons.org/ * publicdomain/zero/1.0/&gt;.* ***** ***/ </pre> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>FOURTH-PARTY DEPENDENCY #1 LICENSE</p> <p>No Copyright</p> <p>The person who associated a work with this deed has dedicated the work to the public domain by waiving all of his or her rights to the work worldwide under copyright law, including all related and neighboring rights, to the extent allowed by law.</p> <p>You can copy, modify, distribute and perform the work, even for commercial purposes, all without asking permission. See Other Information below.</p> <p>This license is acceptable for Free Cultural Works.</p> <p>Other Information</p> <p>In no way are the patent or trademark rights of any person affected by CC0, nor are the rights that other persons may have in the work or in how the work is used, such as publicity or privacy rights.</p> <p>Unless expressly stated otherwise, the person who associated a work with this deed makes no warranties about the work, and disclaims liability for all uses of the work, to the fullest extent permitted by applicable law.</p> <p>When using or citing the work, you should not imply endorsement by the author or the affirmer.</p> <p>-----seperator-----</p> <p>FOURTH-PARTY DEPENDENCY #2 org.eclipse.jetty:jetty-client 11.0.7</p> <p>=====</p> <p>=====</p> <p>Jetty Web Container</p> <p>Copyright 1995-2021 Mort Bay Consulting Pty Ltd.</p> <p>=====</p> <p>=====</p> <p>The Jetty Web Container is Copyright Mort Bay Consulting Pty Ltd</p> <p>unless otherwise noted.</p> <p>Jetty is dual licensed under both</p> <p>* The Apache 2.0 License</p> <p><a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/LICENSE-2.0.html</a></p> <p>and</p> <p>* The Eclipse Public 1.0 License</p> <p><a href="http://www.eclipse.org/legal/epl-v10.html">http://www.eclipse.org/legal/epl-v10.html</a></p> <p>Jetty may be distributed under either license.</p> <p>Text available in above links are represented below.</p> <p>-----</p> <p>Eclipse</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>The following artifacts are EPL.</p> <p>* org.eclipse.jetty.orbit:org.eclipse.jdt.core</p> <p>The following artifacts are EPL and ASL2.</p> <p>* org.eclipse.jetty.orbit:javax.security.auth.message</p> <p>-----</p> <p>OW2</p> <p>The following artifacts are licensed by the OW2 Foundation according to the terms of <a href="http://asm.ow2.org/license.html">http://asm.ow2.org/license.html</a></p> <p>org.ow2.asm:asm-commons</p> <p>org.ow2.asm:asm</p> <p>ASM is released under the following 3-Clause BSD License:</p> <p>ASM: a very small and fast Java bytecode manipulation framework</p> <p>Copyright (c) 2000-2011 INRIA, France Telecom</p> <p>All rights reserved.</p> <p>See <a href="#">Appendix M</a></p> <p>-----</p> <p>Apache</p> <p>The following artifacts are ASL2 licensed.</p> <p>org.apache.taglibs:taglibs-standard-spec</p> <p>org.apache.taglibs:taglibs-standard-impl</p> <p>-----</p> <p>MortBay</p> <p>The following artifacts are ASL2 licensed. Based on selected classes from following Apache Tomcat jars, all ASL2 licensed.</p> <p>org.mortbay.jasper:apache-jsp</p> <p>org.apache.tomcat:tomcat-jasper</p> <p>org.apache.tomcat:tomcat-juli</p> <p>org.apache.tomcat:tomcat-jsp-api</p> <p>org.apache.tomcat:tomcat-el-api</p> <p>org.apache.tomcat:tomcat-jasper-el</p> <p>org.apache.tomcat:tomcat-api</p> <p>org.apache.tomcat:tomcat-util-scan</p> <p>org.apache.tomcat:tomcat-util</p> <p>org.mortbay.jasper:apache-el</p> <p>org.apache.tomcat:tomcat-jasper-el</p> <p>org.apache.tomcat:tomcat-el-api</p> <p>-----</p> <p>Assorted</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider       | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                |               | <p>The UnixCrypt.java code implements the one way cryptography used by Unix systems for simple password protection. Copyright 1996 Aki Yoshida, modified April 2001 by Iris Van den Broeke, Daniel Deville. Permission to use, copy, modify and distribute UnixCrypt for non-commercial or commercial purposes and without fee is granted provided that the copyright notice appears in all copies.</p> <p>-----</p> <p><a href="#">Eclipse Public License - v 1.0</a></p> <p>-----</p> <p>APACHE 2.0 - See <a href="#">Appendix E</a></p> <p>-----separator-----</p> <p>FOURTH-PARTY DEPENDENCY #3 org.slf4j:slf4j-api 1.7.32<br/>COMMON COPYRIGHT NOTICES and LICENSE TEXT<br/>MIT License See <a href="#">Appendix G</a></p> <p>-----separator-----</p> |
| Armin Ronacher | Jinja2 3.0.1  | <p>Copyright 2007 Pallets<br/>See <a href="#">Appendix M</a></p> <p>#####4th party dependencies##### MarkupSafe, v1.1.1, BSD Copyright 2010 Pallets<br/>See <a href="#">Appendix M</a></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Armin Ronacher | Jinja2 2.11.2 | <p>Copyright 2007 Pallets<br/>See <a href="#">Appendix M</a></p> <p>#####4th party dependencies##### MarkupSafe, v1.1.1, BSD Copyright 2010 Pallets<br/>See <a href="#">Appendix M</a></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s)                   | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Jetty    | jetty-reactive-httpclient 1.1.2 | <p>TOP-LEVEL COPYRIGHT NOTICE for org.eclipse.jetty:jetty-reactive-httpclient:1.1.2 / * * * Licensed under the Apache License, Version 2.0 (the "License"); * you may not use this file except in compliance with the License. * You may obtain a copy of the License at * * http://www.apache.org/licenses/LICENSE-2.0 * * Unless required by applicable law or agreed to in writing, software * distributed under the License is distributed on an "AS IS" BASIS, * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. * See the License for the specific language governing permissions and * limitations under the License. */</p> <p>APACHE 2.0 - See <a href="#">Appendix E</a></p> <p>FOURTH-PARTY DEPENDENCY #1<br/>org.reactivestreams:reactive-streams 1.0.3 COPYRIGHT NOTICES /</p> <p>*****<br/>*** * Licensed under Public Domain (CC0) * * * * To the extent possible under law, the person who associated CC0 with * * this code has waived all copyright and related or neighboring * * rights to this code. * * * * You should have received a copy of the CC0 legalcode along with this * * work. If not, see &lt;http://creativecommons.org/publicdomain/zero/1.0/&gt;.*</p> <p>*****<br/>***/ FOURTH-PARTY DEPENDENCY #1 LICENSE No Copyright The person who associated a work with this deed has dedicated the work to the public domain by waiving all of his or her rights to the work worldwide under copyright law, including all related and neighboring rights, to the extent allowed by law. You can copy, modify, distribute and perform the work, even for commercial purposes, all without asking permission. See Other Information below. This license is acceptable for Free Cultural Works. Other Information In no way are the patent or trademark rights of any person affected by CC0, nor are the rights that other persons may have in the work or in how the work is used, such as publicity or privacy rights. Unless expressly stated otherwise, the person who associated a work with this deed makes no warranties about the work, and disclaims liability for all uses of the work, to the fullest extent permitted by applicable law. When using or citing the work, you should not imply endorsement by the author or the affirmer.</p> <p>FOURTH-PARTY DEPENDENCY #2 org.eclipse.jetty:jetty-client 9.4.24.v20191120</p> <p>=====</p> <p>===== Jetty Web Container Copyright 1995-2019 Mort Bay Consulting Pty Ltd.</p> <p>=====</p> <p>===== The Jetty Web Container is Copyright Mort Bay Consulting Pty Ltd unless otherwise noted. Jetty is dual licensed under both * The Apache 2.0 License http://www.apache.org/licenses/LICENSE-2.0.html and * The Eclipse Public 1.0 License http://www.eclipse.org/legal/epl-v10.html Jetty may be distributed under either license.Text available in above links are represented below. ----- Eclipse The following artifacts are EPL. *</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>org.eclipse.jetty.orbit:org.eclipse.jdt.core The following artifacts are EPL and ASL2. *</p> <p>org.eclipse.jetty.orbit:javax.security.auth.message The following artifacts are EPL and CDDL 1.0. *</p> <p>org.eclipse.jetty.orbit:javax.mail.glassfish ----- OW2 The following artifacts are licensed by the OW2 Foundation according to the terms of <a href="http://asm.ow2.org/license.html">http://asm.ow2.org/license.html</a></p> <p>org.ow2.asm:asm-commons org.ow2.asm:asm ASM is released under the following 3-Clause BSD License: ASM: a very small and fast Java bytecode manipulation framework Copyright (c) 2000-2011 INRIA, France Telecom All rights reserved.</p> <p>See <a href="#">Appendix M</a></p> <p>----- Apache The following artifacts are ASL2 licensed.</p> <p>org.apache.taglibs:taglibs-standard-spec</p> <p>org.apache.taglibs:taglibs-standard-impl ----- MortBay The following artifacts are ASL2 licensed. Based on selected classes from following Apache Tomcat jars, all ASL2 licensed.</p> <p>org.mortbay.jasper:apache-jsp</p> <p>org.apache.tomcat:tomcat-jasper org.apache.tomcat:tomcat-juli org.apache.tomcat:tomcat-jsp-api</p> <p>org.apache.tomcat:tomcat-el-api org.apache.tomcat:tomcat-jasper-el org.apache.tomcat:tomcat-api</p> <p>org.apache.tomcat:tomcat-util-scan</p> <p>org.apache.tomcat:tomcat-util org.mortbay.jasper:apache-el</p> <p>org.apache.tomcat:tomcat-jasper-el</p> <p>org.apache.tomcat:tomcat-el-api ----- Assorted The UnixCrypt.java code implements the one way cryptography used by Unix systems for simple password protection. Copyright 1996 Aki Yoshida, modified April 2001 by Iris Van den Broeke, Daniel Deville. Permission to use, copy, modify and distribute UnixCrypt for non-commercial or commercial purposes and without fee is granted provided that the copyright notice appears in all copies.</p> <p>EPL License 1.0, refer <a href="#">Appendix J</a></p> <p>APACHE 2.0 - See <a href="#">Appendix E</a></p> <p>MIT License, refer <a href="#">Appendix G</a></p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s)                   | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| jetty    | jetty-reactive-httpclient 1.1.4 | <p>TOP-LEVEL COPYRIGHT NOTICE for org.eclipse.jetty:jetty-reactive-httpclient:1.1.2</p> <p>/* * Licensed under the Apache License, Version 2.0 (the "License");</p> <p>* you may not use this file except in compliance with the License.</p> <p>* You may obtain a copy of the License at * * http://www.apache.org/licenses/LICENSE-2.0</p> <p>*</p> <p>* Unless required by applicable law or agreed to in writing, software</p> <p>* distributed under the License is distributed on an "AS IS" BASIS,</p> <p>* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.</p> <p>* See the License for the specific language governing permissions and</p> <p>* limitations under the License.</p> <p>*/</p> <p>-----separator-----</p> <p>TOP-LEVEL LICENSE TEXT for org.eclipse.jetty:jetty-reactive-httpclient:1.1.2</p> <p>Apache License, Version 2.0 - See <a href="#">Appendix E</a></p> <p>-----separator----- FOURTH-PARTY DEPENDENCY #1</p> <p>org.reactivestreams:reactive-streams 1.0.3 COPYRIGHT NOTICES /</p> <p>*****</p> <p>*** * Licensed under Public Domain (CC0) * * * * To the extent possible under law, the person who associated CC0 with * * this code has waived all copyright and related or neighboring * * rights to this code. * * * * You should have received a copy of the CC0 legalcode along with this * * work. If not, see &lt;http://creativecommons.org/publicdomain/zero/1.0/&gt;.*</p> <p>*****</p> <p>***/ FOURTH-PARTY DEPENDENCY #1 LICENSE No Copyright The person who associated a work with this deed has dedicated the work to the public domain by waiving all of his or her rights to the work worldwide under copyright law, including all related and neighboring rights, to the extent allowed by law. You can copy, modify, distribute and perform the work, even for commercial purposes, all without asking permission. See Other Information below. This license is acceptable for Free Cultural Works. Other Information In no way are the patent or trademark rights of any person affected by CC0, nor are the rights that other persons may have in the work or in how the work is used, such as publicity or privacy rights. Unless expressly stated otherwise, the person who associated a work with this deed makes no warranties about the work, and disclaims liability for all uses of the work, to the fullest extent permitted by applicable law. When using or citing the work, you should not imply endorsement by the author or the affirmer. -----seperator----- FOURTH-PARTY DEPENDENCY #2 org.eclipse.jetty:jetty-client</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>9.4.24.v20191120</p> <p>=====</p> <p>===== Jetty Web Container Copyright<br/>1995-2019 Mort Bay Consulting Pty Ltd.</p> <p>=====</p> <p>===== The Jetty Web Container is Copyright<br/>Mort Bay Consulting Pty Ltd unless otherwise noted. Jetty is<br/>dual licensed under both</p> <p>* The Apache 2.0 License <a href="http://www.apache.org/licenses/LICENSE-2.0.html">http://www.apache.org/licenses/<br/>LICENSE-2.0.html</a> and</p> <p>* The Eclipse Public 1.0 License <a href="http://www.eclipse.org/legal/epl-v10.html">http://www.eclipse.org/legal/<br/>ep1-v10.html</a></p> <p>Jetty may be distributed under either license. Text available<br/>in above links are represented below.</p> <p>-----</p> <p>Eclipse The following artifacts are EPL.</p> <p>* org.eclipse.jetty.orbit:org.eclipse.jdt.core The following<br/>artifacts are EPL and ASL2.</p> <p>* org.eclipse.jetty.orbit:javax.security.auth.message The<br/>following artifacts are EPL and CDDL 1.0.</p> <p>* org.eclipse.jetty.orbit:javax.mail.glassfish</p> <p>-----</p> <p>OW2</p> <p>The following artifacts are licensed by the OW2 Foundation<br/>according to the terms of <a href="http://asm.ow2.org/license.html">http://asm.ow2.org/license.html</a></p> <p>org.ow2.asm:asm-commons</p> <p>org.ow2.asm:asm</p> <p>ASM is released under the following 3-Clause BSD License:</p> <p>ASM: a very small and fast Java bytecode manipulation<br/>framework Copyright (c) 2000-2011 INRIA, France Telecom</p> <p>All rights reserved.</p> <p>See <a href="#">Appendix M</a></p> <p>-----</p> <p>Apache</p> <p>The following artifacts are ASL2 licensed.</p> <p>org.apache.taglibs:taglibs-standard-spec</p> <p>org.apache.taglibs:taglibs-standard-impl</p> <p>-----</p> <p>MortBay</p> <p>The following artifacts are ASL2 licensed. Based on selected<br/>classes from following Apache Tomcat jars, all ASL2<br/>licensed.</p> <p>org.mortbay.jasper:apache-jsp</p> <p>org.apache.tomcat:tomcat-jasper</p> <p>org.apache.tomcat:tomcat-juli</p> <p>org.apache.tomcat:tomcat-jsp-api</p> <p>org.apache.tomcat:tomcat-el-api</p> <p>org.apache.tomcat:tomcat-jasper-el</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>org.apache.tomcat:tomcat-api<br/> org.apache.tomcat:tomcat-util-scan<br/> org.apache.tomcat:tomcat-util<br/> org.mortbay.jasper:apache-el<br/> org.apache.tomcat:tomcat-jasper-el<br/> org.apache.tomcat:tomcat-el-api<br/> -----<br/> Assorted<br/> The UnixCrypt.java code implements the one way cryptography used by Unix systems for simple password protection. Copyright 1996 Aki Yoshida, modified April 2001 by Iris Van den Broeke, Daniel Deville. Permission to use, copy, modify and distribute UnixCrypt for non-commercial or commercial purposes and without fee is granted provided that the copyright notice appears in all copies.<br/> -----<br/> Eclipse Public License - v 1.0 See <a href="#">Appendix J</a><br/> -----<br/> Apache License, Version 2.0 - See <a href="#">Appendix E</a><br/> -----separator-----<br/> FOURTH-PARTY DEPENDENCY #3 org.slf4j:slf4j-api 1.7.30<br/> COMMON COPYRIGHT NOTICES and LICENSE TEXT<br/> MIT License See <a href="#">Appendix G</a><br/> -----separator-----</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider                       | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|--------------------------------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| jsonwebtoken.io,<br>Technology | jjwt 0.10.7   | <p>TOP-LEVEL COMPONENTS:<br/>io.jsonwebtoken:jjwt-api:0.10.7<br/>io.jsonwebtoken:jjwt-impl:0.10.7<br/>io.jsonwebtoken:jjwt-jackson:0.10.7</p> <p>COPYRIGHT NOTICE<br/>Copyright (C) 2019 jsonwebtoken.io<br/>This program is licensed to you under the Apache License Version 2.0, and you may not use this file except in compliance with the Apache License Version 2.0.<br/>You may obtain a copy of the Apache License Version 2.0 at <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a>.<br/>Unless required by applicable law or agreed to in writing, software distributed under the Apache License Version 2.0 is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.<br/>See the Apache License Version 2.0 for the specific language governing permissions and limitations there under.<br/>Extract as it is from NOTICE.md :</p> <pre>## Base64 implementation JJWT's `io.jsonwebtoken.io.Base64` implementation is based on [MigBase64](https://github.com/brsanthu/migbase64) with continued modifications for Base64 URL support and additional test cases. The MigBase64 copyright and license notice have been retained and are repeated here per that code's requirements: Licence (BSD): ===== Copyright (c) 2004, Mikael Grev, MiG InfoCom AB. (base64 @ miginfocom . com) All rights reserved. BSD License- See <a href="#">Appendix N</a> ----- TOP-LEVEL LICENSE TEXT for io.jsonwebtoken:jjwt-api:0.10.7 io.jsonwebtoken:jjwt-impl:0.10.7 io.jsonwebtoken:jjwt-jackson:0.10.7 Apache License, Version 2.0 - See <a href="#">Appendix E</a> ----- FOURTH-PARTY DEPENDENCY #1 com.fasterxml.jackson.core:jackson-annotations:2.10.1 FOURTH-PARTY DEPENDENCY #1 COPYRIGHT NOTICES Copyright © 2008–2017 FasterXML. All rights reserved. ----- FOURTH-PARTY DEPENDENCY #2 com.fasterxml.jackson.core:jackson-core:2.10.1</pre> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>FOURTH-PARTY DEPENDENCY #2 COPYRIGHT NOTICES</p> <p>Jackson JSON-processor.</p> <p>Copyright (c) 2007- Tatu Saloranta, tatu.saloranta@iki.fi</p> <p># Jackson JSON processor</p> <p>Jackson is a high-performance, Free/Open Source JSON processing library.</p> <p>It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007.</p> <p>It is currently developed by a community of developers, as well as supported commercially by FasterXML.com.</p> <p>## Licensing</p> <p>Jackson core and extension components may licensed under different licenses.</p> <p>To find the details that apply to this artifact see the accompanying LICENSE file.</p> <p>For more information, including possible other licensing options, contact</p> <p>FasterXML.com (<a href="http://fasterxml.com">http://fasterxml.com</a>).</p> <p>## Credits</p> <p>A list of contributors may be found from CREDITS file, which is included in some artifacts (usually source distributions); but is always available from the source code management (SCM) system project uses.</p> <p>-----</p> <p>FOURTH-PARTY DEPENDENCY #3</p> <p>com.fasterxml.jackson.core:jackson-databind:2.10.1</p> <p>FOURTH-PARTY DEPENDENCY #3 COPYRIGHT NOTICES</p> <p>Copyright © 2008–2019 FasterXML. All rights reserved.</p> <p>-----</p> <p>FOURTH-PARTY DEPENDENCY #1</p> <p>com.fasterxml.jackson.core:jackson-annotations:2.10.1</p> <p>FOURTH-PARTY DEPENDENCY #2</p> <p>com.fasterxml.jackson.core:jackson-core:2.10.1</p> <p>FOURTH-PARTY DEPENDENCY #3</p> <p>com.fasterxml.jackson.core:jackson-databind:2.10.1</p> <p>COMMON LICENSE NOTICE</p> <p>Apache License, Version 2.0</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider        | Component (s)                                                             | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-----------------|---------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| jsonwebtoken.io | jjwt 0.11.2<br>jjwt-api 0.12.3<br>jjwt-impl 0.12.3<br>jjwt-jackson 0.12.3 | <p>Top Level Components and subcomponents:<br/>           JWT :: API (io.jsonwebtoken:jjwt-api) Copyright (C) 2014 jsonwebtoken.io<br/>           JWT :: Impl (io.jsonwebtoken:jjwt-impl) Copyright (C) 2014 jsonwebtoken.io<br/>           JWT :: Extensions :: Jackson (io.jsonwebtoken:jjwt-jackson) Copyright (C) 2014 jsonwebtoken.io<br/>           JWT :: Extensions :: Gson (io.jsonwebtoken:jjwt-gson) Copyright (C) 2014 jsonwebtoken.io<br/>           JWT :: Extensions :: org.json (io.jsonwebtoken:jjwt-orgjson) Copyright (C) 2014 jsonwebtoken.io</p> <p>APACHE 2.0 - See <a href="#">Appendix E</a></p> <p>-----</p> <p>JJWT's io.jsonwebtoken.io.Base64 implementation is based on MigBase64 with continued modifications for Base64 URL support and additional test cases. The MigBase64 copyright and license notice have been retained and are repeated here per that code's requirements:</p> <p>Licence (BSD):</p> <p>=====</p> <p>Copyright (c) 2004, Mikael Grev, MiG InfoCom AB. (base64 @ miginfocom . com)</p> <p>All rights reserved.</p> <p>See <a href="#">Appendix M</a></p> <p>-----</p> <p>***** FOURTH PARTY DEPENDENCIES *****</p> <p>-----</p> <p>Jackson-annotations (com.fasterxml.jackson.core:jackson-annotations) Copyright (c) 2007- 2020 Tatu Saloranta, tatu.saloranta@iki.fi</p> <p>Jackson-core (com.fasterxml.jackson.core:jackson-core) Copyright (c) 2007-2020 Tatu Saloranta, tatu.saloranta@iki.fi</p> <p>jackson-databind (com.fasterxml.jackson.core:jackson-databind) Copyright © 2008–2019 FasterXML. All rights reserved.</p> <p>Gson (com.google.code.gson:gson)</p> <p>LICENSE:</p> <p>Apache 2.0 license (SEE FULL TEXT ABOVE)</p> <p>-----</p> <p>-----</p> <p>JSON in Java (org.json:json) Copyright (c) 2002 JSON.org</p> <p>LICENSE:</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s)     | Licensing Information                                                                                                                                                                                                                                                        |
|----------|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |                   | <p>The JSON License<br/>See <a href="#">Appendix G</a></p> <p>-----</p> <p>bcprov-jdk15on (org.bouncycastle.bcprov-jdk15on) Copyright<br/>(c) 2000 - 2020 The Legion of the Bouncy Castle Inc.<br/>LICENSE:<br/>Bouncy Castle License<br/>See <a href="#">Appendix G</a></p> |
| Joda.org | joda-time 2.10.10 | <p>APACHE 2.0 - See <a href="#">Appendix E</a></p> <p>Top Level Component : joda-time<br/>Top Level Component License : Apache 2.0<br/>Top Level Component Copyright : Copyright<br/>Copyright 2001-2017 Stephen Colebourne</p>                                              |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider           | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|--------------------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Marc Prud'hommeaux | JLine 3.15.0  | <p>Copyright (c) 2002-2018, the original author or authors. All rights reserved.</p> <p><a href="https://opensource.org/licenses/BSD-3-Clause">https://opensource.org/licenses/BSD-3-Clause</a></p> <p>See <a href="#">Appendix M</a></p> <p>4th Party Dependency</p> <p>=====</p> <p>org.fusesource.jansi version 1.18</p> <p>org.apache.sshd 2.1 to 2.4</p> <p>org.apache.felix.gogo.runtime 1.1.2</p> <p>org.apache.felix.gogo.jline 1.1.4</p> <p>=====</p> <p>APACHE 2.0 - See <a href="#">Appendix E</a></p> <p>=====</p> <p>juniversalchardet</p> <p>The library is subject to the Mozilla Public License Version 1.1.</p> <p>Alternatively, the library may be used under the terms of either the</p> <p>GNU General Public License Version 2 or later, or the GNU Lesser General Public License 2.1 or later.</p> <p>=====</p> <p>slf4j SLF4J source code and binaries are distributed under the MIT license.</p> <p>Copyright (c) 2004-2017 QOS.ch All rights reserved.</p> <p>MIT License See <a href="#">Appendix G</a></p> <p>These terms are identical to those of the MIT License, also called the X License or the X11 License,</p> <p>which is a simple, permissive non-copyleft free software license. It is deemed compatible with virtually</p> <p>all types of licenses, commercial or otherwise. In particular, the Free Software Foundation has</p> <p>declared it compatible with GNU GPL. It is also known to be approved by the</p> <p>Apache Software Foundation as compatible with Apache Software License.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider                             | Component (s)                       | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|--------------------------------------|-------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| JS Foundation and other contributors | jQuery 3.6.0                        | <p>Copyright JS Foundation and other contributors, <a href="https://js.foundation/">https://js.foundation/</a></p> <p>See <a href="#">Appendix G</a></p> <p>-----</p> <p>external/sizzle</p> <p>Copyright JS Foundation and other contributors, <a href="https://js.foundation/">https://js.foundation/</a></p> <p>This software consists of voluntary contributions made by many individuals. For exact contribution history, see the revision history available at <a href="https://github.com/jquery/sizzle">https://github.com/jquery/sizzle</a></p> <p>The following license applies to all parts of this software except as documented below:</p> <p>====</p> <p>See <a href="#">Appendix G</a></p> <p>====</p> <p>All files located in the node_modules and external directories are externally maintained libraries used by this software which have their own licenses; we recommend you read them, as their terms may differ from the terms above.</p> |
| JSON.org                             | JSON-Java 20180813<br>JSON 20210307 | <p>Copyright (c) 2002 JSON.org</p> <p>Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:</p> <ul style="list-style-type: none"> <li>• The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.</li> <li>• The Software shall be used for Good, not Evil.</li> </ul> <p>See <a href="#">Appendix G</a></p>                                                                                                                                                                                    |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider   | Component (s)                                  | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|------------|------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| JSON.org   | JSON-Java 20200518                             | URL for License – <a href="http://www.json.org/license.html">http://www.json.org/license.html</a><br>Copyright (c) 2002 JSON.org<br>See <a href="#">Appendix G</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| JSON.org   | JSON in Java 20220320<br>JSON in Java 20231013 | <a href="https://github.com/stleary/JSON-java/blob/master/LICENSE">https://github.com/stleary/JSON-java/blob/master/LICENSE</a><br>-----<br>Copyright (c) 2002 JSON.org<br><br>See <a href="#">Appendix G</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Jayway     | JsonPath 2.8.0                                 | son-path/JsonPath 2.4.0<br><br>COPYRIGHT and LICENSE:<br><br>Copyright 2017 Jayway<br><br>Licensed under the Apache License, Version 2.0 (the "License");<br>you may not use this file except in compliance with the License.<br>You may obtain a copy of the License at<br><br>APACHE 2.0 - See <a href="#">Appendix E</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Everit Kft | JSON Schema 1.12.1                             | Copyright (C) 2011 Everit Kft. ( <a href="http://www.everit.org">http://www.everit.org</a> )<br>Licensed under the Apache License, Version 2.0 (the "License") APACHE 2.0 - See <a href="#">Appendix E</a><br>4 <sup>th</sup> -party dependencies:<br>re2j/ The Go license/ <a href="https://golang.org/LICENSE">https://golang.org/LICENSE</a><br>Copyright (c) 2009 The Go Authors. All rights reserved.<br>See <a href="#">Appendix M</a><br>Common-validator<br>Apache Commons Validator<br>Copyright 2001-2017 The Apache Software Foundation<br>APACHE 2.0 - See <a href="#">Appendix E</a><br>json 20160810<br>Copyright (c) 2002 JSON.org<br>See <a href="#">Appendix G</a><br>commons-beanutils 1.9.3<br>Apache Commons BeanUtils<br>Copyright 2000-2016 The Apache Software Foundation<br>APACHE 2.0 - See <a href="#">Appendix E</a><br>handy-uri-templates 2.1.6<br>Copyright (c) 2012, Ryan J. McDonough<br>All rights reserved.<br>APACHE 2.0 - See <a href="#">Appendix E</a> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider   | Component (s)                            | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|------------|------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Everit Kft | JSON Schema 1.12.2<br>JSON Schema 1.14.1 | JSON-Schema / License.txt Copyright (C) 2011 Everit Kft. (http://www.everit.org) Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at http://www.apache.org/licenses/LICENSE-2.0 Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License. |
|            |                                          | re2j/ The Go license/https://golang.org/LICENSE Copyright (c) 2009 The Go Authors. All rights reserved. See <a href="#">Appendix M</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|            |                                          | Common-validator --notice-- Apache Commons Validator Copyright 2001-2017 The Apache Software Foundation This product includes software developed at The Apache Software Foundation (http://www.apache.org/). --- license.txt--- APACHE 2.0 - See <a href="#">Appendix E</a>                                                                                                                                                                                                                                                                                                                                            |
|            |                                          | json 20160810 / Copyright Copyright (c) 2002 JSON.org See <a href="#">Appendix G</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|            |                                          | commons-beanutils:commons-beanutils:1.9.3 ---Notice --- Apache Commons BeanUtils Copyright 2000-2016 The Apache Software Foundation This product includes software developed at The Apache Software Foundation (http://www.apache.org/). --License -- APACHE 2.0 - See <a href="#">Appendix E</a>                                                                                                                                                                                                                                                                                                                      |
|            |                                          | com.damnhandy:handy-uri-templates:2.1.6 / -- Notice-- Copyright (c) 2012, Ryan J. McDonough All rights reserved. APACHE 2.0 - See <a href="#">Appendix E</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s)   | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          | json-patch 1.12 | <p>json-patch 1.12</p> <p>Copyright (c) 2014, Francis Galiegue (fgaliegue@gmail.com)</p> <p>This software is dual-licensed under:</p> <ul style="list-style-type: none"> <li>the Lesser General Public License (LGPL) version 3.0 or, at your option, any later version;</li> <li>the Apache Software License (ASL) version 2.0.</li> </ul> <p>Oracle elects Apache License v. 2.0</p> <p>The text of this file and of both licenses is available at the root of this project or, if you have the jar distribution, in directory META-INF/, under the names LGPL-3.0.txt and ASL-2.0.txt respectively.</p> <p>Direct link to the sources:</p> <ul style="list-style-type: none"> <li>LGPL 3.0: <a href="https://www.gnu.org/licenses/lgpl-3.0.txt">https://www.gnu.org/licenses/lgpl-3.0.txt</a></li> <li>ASL 2.0: <a href="http://www.apache.org/licenses/LICENSE-2.0.txt">http://www.apache.org/licenses/LICENSE-2.0.txt</a></li> </ul> <p>APACHE 2.0 - See <a href="#">Appendix E</a></p> <p>-----</p> <p>Fourth Party Dependency</p> <p>-----</p> <p>jackson-databind 2.10.2 (Apache 2.0)</p> <p>Copyright</p> <p>This copy of Jackson JSON processor databind module is licensed under the Apache (Software) License, version 2.0 ("the License").</p> <p>See the License for details about distribution rights, and the specific rights regarding derivate works.</p> <p>You may obtain a copy of the License at:</p> <p><a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>-----</p> <p>msg-simple 1.2 (Lesser General Public License, version 3 or greater, Apache Software License, version 2.0)</p> <p>This software is dual-licensed under:</p> <ul style="list-style-type: none"> <li>the Lesser General Public License (LGPL) version 3.0 or, at your option, any later version;</li> <li>the Apache Software License (ASL) version 2.0.</li> </ul> <p>Oracle elects Apache License v. 2.0</p> <p>The text of this file and of both licenses is available at the root of this project or, if you have the jar distribution, in directory META-INF/, under the names LGPL-3.0.txt and ASL-2.0.txt respectively.</p> <p>Direct link to the sources:</p> <ul style="list-style-type: none"> <li>LGPL 3.0: <a href="https://www.gnu.org/licenses/lgpl-3.0.txt">https://www.gnu.org/licenses/lgpl-3.0.txt</a></li> <li>ASL 2.0: <a href="http://www.apache.org/licenses/LICENSE-2.0.txt">http://www.apache.org/licenses/LICENSE-2.0.txt</a></li> </ul> <p>/*Copyright (c) 2014, Francis Galiegue (fgaliegue@gmail.com)</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>This software is dual-licensed under:</p> <ul style="list-style-type: none"> <li>the Lesser General Public License (LGPL) version 3.0 or, at your option, any later version;</li> <li>the Apache Software License (ASL) version 2.0.</li> </ul> <p>Oracle elects Apache License v. 2.0</p> <p>The text of this file and of both licenses is available at the root of this project or, if you have the jar distribution, in directory META-INF/, under the names LGPL-3.0.txt and ASL-2.0.txt respectively.</p> <p>Direct link to the sources:</p> <ul style="list-style-type: none"> <li>LGPL 3.0: <a href="https://www.gnu.org/licenses/lgpl-3.0.txt">https://www.gnu.org/licenses/lgpl-3.0.txt</a></li> <li>ASL 2.0: <a href="http://www.apache.org/licenses/LICENSE-2.0.txt">http://www.apache.org/licenses/LICENSE-2.0.txt</a></li> </ul> <p>*/</p> <hr/> <p>jackson-coreutils 1.12</p> <p>This software is dual-licensed under:</p> <ul style="list-style-type: none"> <li>the Lesser General Public License (LGPL) version 3.0 or, at your option, any later version;</li> <li>the Apache Software License (ASL) version 2.0.</li> </ul> <p>Oracle elects Apache License v. 2.0</p> <p>The text of this file and of both licenses is available at the root of this project or, if you have the jar distribution, in directory META-INF/, under the names LGPL-3.0.txt and ASL-2.0.txt respectively.</p> <p>Direct link to the sources:</p> <ul style="list-style-type: none"> <li>LGPL 3.0: <a href="https://www.gnu.org/licenses/lgpl-3.0.txt">https://www.gnu.org/licenses/lgpl-3.0.txt</a></li> <li>ASL 2.0: <a href="http://www.apache.org/licenses/LICENSE-2.0.txt">http://www.apache.org/licenses/LICENSE-2.0.txt</a></li> </ul> <p>/*Copyright (c) 2014, Francis Galiegue (fgaliegue@gmail.com)</p> <p>This software is dual-licensed under:</p> <ul style="list-style-type: none"> <li>the Lesser General Public License (LGPL) version 3.0 or, at your option, any later version;</li> <li>the Apache Software License (ASL) version 2.0.</li> </ul> <p>Oracle elects Apache License v. 2.0</p> <p>The text of this file and of both licenses is available at the root of this project or, if you have the jar distribution, in directory META-INF/, under the names LGPL-3.0.txt and ASL-2.0.txt respectively.</p> <p>Direct link to the sources:</p> <ul style="list-style-type: none"> <li>LGPL 3.0: <a href="https://www.gnu.org/licenses/lgpl-3.0.txt">https://www.gnu.org/licenses/lgpl-3.0.txt</a></li> <li>ASL 2.0: <a href="http://www.apache.org/licenses/LICENSE-2.0.txt">http://www.apache.org/licenses/LICENSE-2.0.txt</a></li> </ul> <p>*/</p> <hr/> <p>guava 28.2 (Apache License)</p> <p>/* Copyright © 2008 The Guava Authors</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License.</p> <p>You may obtain a copy of the License at <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.</p> <p>See the License for the specific language governing permissions and limitations under the License.*/<br/>-----</p> <p>JSR305 3.0.2 (Apache License, Version 2.0)<br/>FindBugs - Find bugs in Java programs<br/>Copyright (C) 2005 Dave Brosius<br/>Copyright (C) 2005 University of Maryland<br/>This library is free software; you can redistribute it and/or modify it under the terms of the GNU Lesser General Public License as published by the Free Software Foundation; either version 2.1 of the License, or (at your option) any later version.<br/>This library is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU Lesser General Public License for more details.<br/>You should have received a copy of the GNU Lesser General Public License along with this library; if not, write to the Free Software Foundation, Inc., 59 Temple Place, Suite 330, Boston, MA 02111-1307 USA</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider                      | Component (s)                                                                                | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------------------|----------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Network New Technologies Inc. | json-schema-validator 1.0.59<br>json-schema-validator 1.0.73<br>json-schema-validator 1.0.88 | <pre> ===== copyright json-schema- validator =====  Copyright (c) 2020 Network New Technologies Inc.  Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at      http://www.apache.org/licenses/LICENSE-2.0  Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.  ===== ===== NOTICE FILE      Json-schema-validator     =====  Copyright (c) 2019 Network New Technologies Inc.  Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at      http://www.apache.org/licenses/LICENSE-2.0  Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.  ===== ===== </pre> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Third Party Dependencies<br/>=====</p> <p>This project includes or depends on code from third party projects.</p> <p>The following are attribution notices from dependencies:</p> <p>-----</p> <p>Undertow<br/>-----</p> <p>JBoss, Home of Professional Open Source.<br/>Copyright 2014 Red Hat, Inc., and individual contributors<br/>as indicated by the @author tags.</p> <p>Licensed under the Apache License, Version 2.0 (the "License");<br/>you may not use this file except in compliance with the License.<br/>You may obtain a copy of the License at</p> <p><a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Unless required by applicable law or agreed to in writing, software<br/>distributed under the License is distributed on an "AS IS" BASIS,<br/>WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.<br/>See the License for the specific language governing permissions and<br/>limitations under the License.</p> <p>-----</p> <p>Jackson<br/>-----</p> <p>This copy of Jackson JSON processor streaming parser/generator is licensed under the<br/>Apache (Software) License, version 2.0 ("the License").<br/>See the License for details about distribution rights, and the<br/>specific rights regarding derivate works.</p> <p>You may obtain a copy of the License at:</p> <p><a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>-----</p> <p>SLF4J</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>-----</p> <p>Copyright (c) 2004-2017 QOS.ch<br/>All rights reserved.</p> <p>See <a href="#">Appendix G</a></p> <p><a href="https://www.slf4j.org/license.html">https://www.slf4j.org/license.html</a></p> <p>-----</p> <p>Commons-lang3</p> <p>-----</p> <p>Licensed to the Apache Software Foundation (ASF)<br/>under one or more<br/>contributor license agreements. See the NOTICE<br/>file distributed with<br/>this work for additional information regarding<br/>copyright ownership.<br/>The ASF licenses this file to You under the Apache<br/>License, Version 2.0<br/>(the "License"); you may not use this file except<br/>in compliance with<br/>the License. You may obtain a copy of the License<br/>at</p> <p><a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Unless required by applicable law or agreed to in<br/>writing, software<br/>distributed under the License is distributed on an<br/>"AS IS" BASIS,<br/>WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND,<br/>either express or implied.<br/>See the License for the specific language<br/>governing permissions and<br/>limitations under the License.</p> <p>-----</p> <p>Logback</p> <p>-----</p> <p>Logback: the reliable, generic, fast and flexible<br/>logging framework.<br/>Copyright (C) 1999-2015, QOS.ch. All rights<br/>reserved.</p> <p>This program and the accompanying materials are<br/>dual-licensed under<br/>either the terms of the Eclipse Public License<br/>v1.0 as published by<br/>the Eclipse Foundation</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>or (per the licensee's choosing)</p> <p>under the terms of the GNU Lesser General Public License version 2.1 as published by the Free Software Foundation.</p> <p>===== End of Notice file =====</p> <p>===== Licence =====</p> <p>APACHE 2.0 - See <a href="#">Appendix E</a></p> <p>=====</p> <p>4th party Jackson</p> <p>=====copyright =====</p> <p>Copyright (c) 2008-2013;2019 FasterXML, All rights reserved</p> <p>=====</p> <p>=====</p> <p>===== NOTICE =====</p> <p># Jackson JSON processor</p> <p>Jackson is a high-performance, Free/Open Source JSON processing library. It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007. It is currently developed by a community of developers.</p> <p>## Licensing</p> <p>Jackson 2.x core and extension components are licensed under Apache License 2.0 To find the details that apply to this artifact see the accompanying LICENSE file.</p> <p>## Credits</p> <p>A list of contributors may be found from CREDITS(-2.x) file, which is included in some artifacts (usually source distributions); but is always available from the source code management (SCM) system project uses.</p> <p>=====</p> <p>=====</p> |

Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <div>4th party commons-lang</div> <div>===== NOTICE.txt</div> <div>=====</div> <div>Apache Commons Lang</div> <div>Copyright 2001-2021 The Apache Software Foundation</div> <div>This product includes software developed at</div> <div>The Apache Software Foundation (<a href="https://www.apache.org/">https://</a></div> <div><a href="https://www.apache.org/">www.apache.org/</a>).</div> <div>=====</div> <div>=====</div> <div>4th party slf4J [MIT Licence - <a href="http://www.slf4j.org/license.html">http://</a></div> <div><a href="http://www.slf4j.org/license.html">www.slf4j.org/license.html</a>]</div> <div>=====Begin license text.</div> <div>=====</div> <div>Copyright (c) 2004-2017 QOS.ch</div> <div>All rights reserved.</div> <div>See <a href="#">Appendix G</a></div> <div>=====End license</div> <div>text.=====</div> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider                      | Component (s)                | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-------------------------------|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Network New Technologies Inc. | json-schema-validator 1.0.43 | <p>Json-schema-validator</p> <p>Copyright (c) 2019 Network New Technologies Inc.</p> <p>Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.</p> <p>-----</p> <p>Third Party Dependencies</p> <p>-----</p> <p>This project includes or depends on code from third party projects.</p> <p>The following are attribution notices from dependencies:</p> <p>-----</p> <p>Undertow</p> <p>-----</p> <p>JBoss, Home of Professional Open Source. Copyright 2014 Red Hat, Inc., and individual contributors as indicated by the @author tags.</p> <p>Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.</p> <p>-----</p> <p>Jackson</p> <p>-----</p> <p>This copy of Jackson JSON processor streaming parser/generator is licensed under the Apache (Software) License, version 2.0 ("the License"). See the License for details about distribution rights, and the specific rights regarding derivate works.</p> <p>You may obtain a copy of the License at: <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>-----</p> <p>SLF4J</p> <p>-----</p> <p>Copyright (c) 2004-2017 QOS.ch All rights reserved.</p> <p>See <a href="#">Appendix G</a></p> <p><a href="https://www.slf4j.org/license.html">https://www.slf4j.org/license.html</a></p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider            | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|---------------------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                     |               | <p>-----</p> <p>Commons-lang3</p> <p>-----</p> <p>Licensed to the Apache Software Foundation (ASF) under one or more contributor license agreements. See the NOTICE file distributed with this work for additional information regarding copyright ownership. The ASF licenses this file to You under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.</p> <p>-----</p> <p>Logback</p> <p>-----</p> <p>Logback: the reliable, generic, fast and flexible logging framework.</p> <p>Copyright (C) 1999-2015, QOS.ch. All rights reserved.</p> <p>This program and the accompanying materials are dual-licensed under either the terms of the Eclipse Public License v1.0 as published by the Eclipse Foundation or (per the licensee's choosing) under the terms of the GNU Lesser General Public License version 2.1 as published by the Free Software Foundation.</p> |
| JSR305 expert group | jsr305 3.0.2  | <p>Copyright (c) JSR305 expert group</p> <p>All rights reserved.</p> <p>See <a href="#">Appendix M</a></p> <p>Other copyright notices in this distribution (NOTE: software below RELICENSED to Oracle under BSD 3-clause)</p> <p>Copyright (c) 2005, Brian Goetz and Tim Peierls</p> <p>See <a href="#">Appendix M</a></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider      | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|---------------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Vitaly Puzrin | js-yaml 4.1.0 | <p>----- Top-level license<br/>-----<br/>(The MIT License)</p> <p>Copyright (C) 2011-2015 by Vitaly Puzrin</p> <p>MIT License See <a href="#">Appendix G</a></p> <p>----- Copyright notices<br/>-----<br/>(The MIT License)</p> <p>Copyright (C) 2011-2015 by Vitaly Puzrin</p> <p>MIT License See <a href="#">Appendix G</a></p> <p>----- Fourth-party<br/>information -----</p> <p>== NAME OF DEPENDENCY 1<br/>argparse<br/>== License<br/>Python-2.0</p> <p>A. HISTORY OF THE SOFTWARE</p> <p>Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <a href="http://www.cwi.nl">http://www.cwi.nl</a>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.</p> <p>In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <a href="http://www.cnri.reston.va.us">http://www.cnri.reston.va.us</a>) in Reston, Virginia where he released several versions of the software.</p> <p>In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations, which became Zope Corporation. In 2001, the Python Software Foundation (PSF, see <a href="https://www.python.org/psf/">https://www.python.org/psf/</a>) was formed, a non-profit organization</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider       | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                 |              |      |  |      |  |  |                 |     |  |           |     |                |     |  |           |      |     |  |  |     |  |       |      |      |    |  |  |     |  |     |      |            |    |  |  |       |  |     |      |      |         |  |  |     |  |           |      |     |    |  |  |       |  |           |      |     |     |  |  |       |  |           |      |     |     |  |  |       |  |       |      |     |     |  |  |       |  |       |      |     |     |  |  |               |  |       |          |     |     |  |  |
|----------------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|--------------|------|--|------|--|--|-----------------|-----|--|-----------|-----|----------------|-----|--|-----------|------|-----|--|--|-----|--|-------|------|------|----|--|--|-----|--|-----|------|------------|----|--|--|-------|--|-----|------|------|---------|--|--|-----|--|-----------|------|-----|----|--|--|-------|--|-----------|------|-----|-----|--|--|-------|--|-----------|------|-----|-----|--|--|-------|--|-------|------|-----|-----|--|--|-------|--|-------|------|-----|-----|--|--|---------------|--|-------|----------|-----|-----|--|--|
|                |               | <p>created specifically to own Python-related Intellectual Property.<br/>Zope Corporation was a sponsoring member of the PSF.</p> <p>All Python releases are Open Source (see <a href="http://www.opensource.org">http://www.opensource.org</a> for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.</p> <table><thead><tr><th>Release Owner</th><th>Derived GPL-</th><th>Year</th><th></th></tr></thead><tbody><tr><td>from</td><td></td><td></td><td>compatible? (1)</td></tr><tr><td>rea</td><td></td><td>1991-1995</td><td>CWI</td></tr><tr><td>1.3 thru 1.5.2</td><td>1.2</td><td></td><td>1995-1999</td></tr><tr><td>CNRI</td><td>yes</td><td></td><td></td></tr><tr><td>1.6</td><td></td><td>1.5.2</td><td>2000</td></tr><tr><td>CNRI</td><td>no</td><td></td><td></td></tr><tr><td>2.0</td><td></td><td>1.6</td><td>2000</td></tr><tr><td>BeOpen.com</td><td>no</td><td></td><td></td></tr><tr><td>1.6.1</td><td></td><td>1.6</td><td>2001</td></tr><tr><td>CNRI</td><td>yes (2)</td><td></td><td></td></tr><tr><td>2.1</td><td></td><td>2.0+1.6.1</td><td>2001</td></tr><tr><td>PSF</td><td>no</td><td></td><td></td></tr><tr><td>2.0.1</td><td></td><td>2.0+1.6.1</td><td>2001</td></tr><tr><td>PSF</td><td>yes</td><td></td><td></td></tr><tr><td>2.1.1</td><td></td><td>2.1+2.0.1</td><td>2001</td></tr><tr><td>PSF</td><td>yes</td><td></td><td></td></tr><tr><td>2.1.2</td><td></td><td>2.1.1</td><td>2002</td></tr><tr><td>PSF</td><td>yes</td><td></td><td></td></tr><tr><td>2.1.3</td><td></td><td>2.1.2</td><td>2002</td></tr><tr><td>PSF</td><td>yes</td><td></td><td></td></tr><tr><td>2.2 and above</td><td></td><td>2.1.1</td><td>2001-now</td></tr><tr><td>PSF</td><td>yes</td><td></td><td></td></tr></tbody></table> <p>Footnotes:</p> <p>(1) GPL-compatible doesn't mean that we're distributing Python under the GPL. All Python licenses, unlike the GPL, let you distribute a modified version without making your changes open source. The GPL-compatible licenses make it possible to combine Python with other software that is released under the GPL; the others don't.</p> <p>(2) According to Richard Stallman, 1.6.1 is not GPL-compatible,</p> | Release Owner   | Derived GPL- | Year |  | from |  |  | compatible? (1) | rea |  | 1991-1995 | CWI | 1.3 thru 1.5.2 | 1.2 |  | 1995-1999 | CNRI | yes |  |  | 1.6 |  | 1.5.2 | 2000 | CNRI | no |  |  | 2.0 |  | 1.6 | 2000 | BeOpen.com | no |  |  | 1.6.1 |  | 1.6 | 2001 | CNRI | yes (2) |  |  | 2.1 |  | 2.0+1.6.1 | 2001 | PSF | no |  |  | 2.0.1 |  | 2.0+1.6.1 | 2001 | PSF | yes |  |  | 2.1.1 |  | 2.1+2.0.1 | 2001 | PSF | yes |  |  | 2.1.2 |  | 2.1.1 | 2002 | PSF | yes |  |  | 2.1.3 |  | 2.1.2 | 2002 | PSF | yes |  |  | 2.2 and above |  | 2.1.1 | 2001-now | PSF | yes |  |  |
| Release Owner  | Derived GPL-  | Year                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                 |              |      |  |      |  |  |                 |     |  |           |     |                |     |  |           |      |     |  |  |     |  |       |      |      |    |  |  |     |  |     |      |            |    |  |  |       |  |     |      |      |         |  |  |     |  |           |      |     |    |  |  |       |  |           |      |     |     |  |  |       |  |           |      |     |     |  |  |       |  |       |      |     |     |  |  |       |  |       |      |     |     |  |  |               |  |       |          |     |     |  |  |
| from           |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | compatible? (1) |              |      |  |      |  |  |                 |     |  |           |     |                |     |  |           |      |     |  |  |     |  |       |      |      |    |  |  |     |  |     |      |            |    |  |  |       |  |     |      |      |         |  |  |     |  |           |      |     |    |  |  |       |  |           |      |     |     |  |  |       |  |           |      |     |     |  |  |       |  |       |      |     |     |  |  |       |  |       |      |     |     |  |  |               |  |       |          |     |     |  |  |
| rea            |               | 1991-1995                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | CWI             |              |      |  |      |  |  |                 |     |  |           |     |                |     |  |           |      |     |  |  |     |  |       |      |      |    |  |  |     |  |     |      |            |    |  |  |       |  |     |      |      |         |  |  |     |  |           |      |     |    |  |  |       |  |           |      |     |     |  |  |       |  |           |      |     |     |  |  |       |  |       |      |     |     |  |  |       |  |       |      |     |     |  |  |               |  |       |          |     |     |  |  |
| 1.3 thru 1.5.2 | 1.2           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1995-1999       |              |      |  |      |  |  |                 |     |  |           |     |                |     |  |           |      |     |  |  |     |  |       |      |      |    |  |  |     |  |     |      |            |    |  |  |       |  |     |      |      |         |  |  |     |  |           |      |     |    |  |  |       |  |           |      |     |     |  |  |       |  |           |      |     |     |  |  |       |  |       |      |     |     |  |  |       |  |       |      |     |     |  |  |               |  |       |          |     |     |  |  |
| CNRI           | yes           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                 |              |      |  |      |  |  |                 |     |  |           |     |                |     |  |           |      |     |  |  |     |  |       |      |      |    |  |  |     |  |     |      |            |    |  |  |       |  |     |      |      |         |  |  |     |  |           |      |     |    |  |  |       |  |           |      |     |     |  |  |       |  |           |      |     |     |  |  |       |  |       |      |     |     |  |  |       |  |       |      |     |     |  |  |               |  |       |          |     |     |  |  |
| 1.6            |               | 1.5.2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 2000            |              |      |  |      |  |  |                 |     |  |           |     |                |     |  |           |      |     |  |  |     |  |       |      |      |    |  |  |     |  |     |      |            |    |  |  |       |  |     |      |      |         |  |  |     |  |           |      |     |    |  |  |       |  |           |      |     |     |  |  |       |  |           |      |     |     |  |  |       |  |       |      |     |     |  |  |       |  |       |      |     |     |  |  |               |  |       |          |     |     |  |  |
| CNRI           | no            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                 |              |      |  |      |  |  |                 |     |  |           |     |                |     |  |           |      |     |  |  |     |  |       |      |      |    |  |  |     |  |     |      |            |    |  |  |       |  |     |      |      |         |  |  |     |  |           |      |     |    |  |  |       |  |           |      |     |     |  |  |       |  |           |      |     |     |  |  |       |  |       |      |     |     |  |  |       |  |       |      |     |     |  |  |               |  |       |          |     |     |  |  |
| 2.0            |               | 1.6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 2000            |              |      |  |      |  |  |                 |     |  |           |     |                |     |  |           |      |     |  |  |     |  |       |      |      |    |  |  |     |  |     |      |            |    |  |  |       |  |     |      |      |         |  |  |     |  |           |      |     |    |  |  |       |  |           |      |     |     |  |  |       |  |           |      |     |     |  |  |       |  |       |      |     |     |  |  |       |  |       |      |     |     |  |  |               |  |       |          |     |     |  |  |
| BeOpen.com     | no            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                 |              |      |  |      |  |  |                 |     |  |           |     |                |     |  |           |      |     |  |  |     |  |       |      |      |    |  |  |     |  |     |      |            |    |  |  |       |  |     |      |      |         |  |  |     |  |           |      |     |    |  |  |       |  |           |      |     |     |  |  |       |  |           |      |     |     |  |  |       |  |       |      |     |     |  |  |       |  |       |      |     |     |  |  |               |  |       |          |     |     |  |  |
| 1.6.1          |               | 1.6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 2001            |              |      |  |      |  |  |                 |     |  |           |     |                |     |  |           |      |     |  |  |     |  |       |      |      |    |  |  |     |  |     |      |            |    |  |  |       |  |     |      |      |         |  |  |     |  |           |      |     |    |  |  |       |  |           |      |     |     |  |  |       |  |           |      |     |     |  |  |       |  |       |      |     |     |  |  |       |  |       |      |     |     |  |  |               |  |       |          |     |     |  |  |
| CNRI           | yes (2)       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                 |              |      |  |      |  |  |                 |     |  |           |     |                |     |  |           |      |     |  |  |     |  |       |      |      |    |  |  |     |  |     |      |            |    |  |  |       |  |     |      |      |         |  |  |     |  |           |      |     |    |  |  |       |  |           |      |     |     |  |  |       |  |           |      |     |     |  |  |       |  |       |      |     |     |  |  |       |  |       |      |     |     |  |  |               |  |       |          |     |     |  |  |
| 2.1            |               | 2.0+1.6.1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 2001            |              |      |  |      |  |  |                 |     |  |           |     |                |     |  |           |      |     |  |  |     |  |       |      |      |    |  |  |     |  |     |      |            |    |  |  |       |  |     |      |      |         |  |  |     |  |           |      |     |    |  |  |       |  |           |      |     |     |  |  |       |  |           |      |     |     |  |  |       |  |       |      |     |     |  |  |       |  |       |      |     |     |  |  |               |  |       |          |     |     |  |  |
| PSF            | no            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                 |              |      |  |      |  |  |                 |     |  |           |     |                |     |  |           |      |     |  |  |     |  |       |      |      |    |  |  |     |  |     |      |            |    |  |  |       |  |     |      |      |         |  |  |     |  |           |      |     |    |  |  |       |  |           |      |     |     |  |  |       |  |           |      |     |     |  |  |       |  |       |      |     |     |  |  |       |  |       |      |     |     |  |  |               |  |       |          |     |     |  |  |
| 2.0.1          |               | 2.0+1.6.1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 2001            |              |      |  |      |  |  |                 |     |  |           |     |                |     |  |           |      |     |  |  |     |  |       |      |      |    |  |  |     |  |     |      |            |    |  |  |       |  |     |      |      |         |  |  |     |  |           |      |     |    |  |  |       |  |           |      |     |     |  |  |       |  |           |      |     |     |  |  |       |  |       |      |     |     |  |  |       |  |       |      |     |     |  |  |               |  |       |          |     |     |  |  |
| PSF            | yes           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                 |              |      |  |      |  |  |                 |     |  |           |     |                |     |  |           |      |     |  |  |     |  |       |      |      |    |  |  |     |  |     |      |            |    |  |  |       |  |     |      |      |         |  |  |     |  |           |      |     |    |  |  |       |  |           |      |     |     |  |  |       |  |           |      |     |     |  |  |       |  |       |      |     |     |  |  |       |  |       |      |     |     |  |  |               |  |       |          |     |     |  |  |
| 2.1.1          |               | 2.1+2.0.1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 2001            |              |      |  |      |  |  |                 |     |  |           |     |                |     |  |           |      |     |  |  |     |  |       |      |      |    |  |  |     |  |     |      |            |    |  |  |       |  |     |      |      |         |  |  |     |  |           |      |     |    |  |  |       |  |           |      |     |     |  |  |       |  |           |      |     |     |  |  |       |  |       |      |     |     |  |  |       |  |       |      |     |     |  |  |               |  |       |          |     |     |  |  |
| PSF            | yes           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                 |              |      |  |      |  |  |                 |     |  |           |     |                |     |  |           |      |     |  |  |     |  |       |      |      |    |  |  |     |  |     |      |            |    |  |  |       |  |     |      |      |         |  |  |     |  |           |      |     |    |  |  |       |  |           |      |     |     |  |  |       |  |           |      |     |     |  |  |       |  |       |      |     |     |  |  |       |  |       |      |     |     |  |  |               |  |       |          |     |     |  |  |
| 2.1.2          |               | 2.1.1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 2002            |              |      |  |      |  |  |                 |     |  |           |     |                |     |  |           |      |     |  |  |     |  |       |      |      |    |  |  |     |  |     |      |            |    |  |  |       |  |     |      |      |         |  |  |     |  |           |      |     |    |  |  |       |  |           |      |     |     |  |  |       |  |           |      |     |     |  |  |       |  |       |      |     |     |  |  |       |  |       |      |     |     |  |  |               |  |       |          |     |     |  |  |
| PSF            | yes           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                 |              |      |  |      |  |  |                 |     |  |           |     |                |     |  |           |      |     |  |  |     |  |       |      |      |    |  |  |     |  |     |      |            |    |  |  |       |  |     |      |      |         |  |  |     |  |           |      |     |    |  |  |       |  |           |      |     |     |  |  |       |  |           |      |     |     |  |  |       |  |       |      |     |     |  |  |       |  |       |      |     |     |  |  |               |  |       |          |     |     |  |  |
| 2.1.3          |               | 2.1.2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 2002            |              |      |  |      |  |  |                 |     |  |           |     |                |     |  |           |      |     |  |  |     |  |       |      |      |    |  |  |     |  |     |      |            |    |  |  |       |  |     |      |      |         |  |  |     |  |           |      |     |    |  |  |       |  |           |      |     |     |  |  |       |  |           |      |     |     |  |  |       |  |       |      |     |     |  |  |       |  |       |      |     |     |  |  |               |  |       |          |     |     |  |  |
| PSF            | yes           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                 |              |      |  |      |  |  |                 |     |  |           |     |                |     |  |           |      |     |  |  |     |  |       |      |      |    |  |  |     |  |     |      |            |    |  |  |       |  |     |      |      |         |  |  |     |  |           |      |     |    |  |  |       |  |           |      |     |     |  |  |       |  |           |      |     |     |  |  |       |  |       |      |     |     |  |  |       |  |       |      |     |     |  |  |               |  |       |          |     |     |  |  |
| 2.2 and above  |               | 2.1.1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 2001-now        |              |      |  |      |  |  |                 |     |  |           |     |                |     |  |           |      |     |  |  |     |  |       |      |      |    |  |  |     |  |     |      |            |    |  |  |       |  |     |      |      |         |  |  |     |  |           |      |     |    |  |  |       |  |           |      |     |     |  |  |       |  |           |      |     |     |  |  |       |  |       |      |     |     |  |  |       |  |       |      |     |     |  |  |               |  |       |          |     |     |  |  |
| PSF            | yes           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                 |              |      |  |      |  |  |                 |     |  |           |     |                |     |  |           |      |     |  |  |     |  |       |      |      |    |  |  |     |  |     |      |            |    |  |  |       |  |     |      |      |         |  |  |     |  |           |      |     |    |  |  |       |  |           |      |     |     |  |  |       |  |           |      |     |     |  |  |       |  |       |      |     |     |  |  |       |  |       |      |     |     |  |  |               |  |       |          |     |     |  |  |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>because its license has a choice of law clause. According to CNRI, however, Stallman's lawyer has told CNRI's lawyer that 1.6.1 is "not incompatible" with the GPL.</p> <p>Thanks to the many outside volunteers who have worked under Guido's direction to make these releases possible.</p> <p>B. TERMS AND CONDITIONS FOR ACCESSING OR OTHERWISE USING PYTHON</p> <p>PYTHON SOFTWARE FOUNDATION LICENSE VERSION 2<br/>-----</p> <p>1. This LICENSE AGREEMENT is between the Python Software Foundation ("PSF"), and the Individual or Organization ("Licensee") accessing and otherwise using this software ("Python") in source or binary form and its associated documentation.</p> <p>2. Subject to the terms and conditions of this License Agreement, PSF hereby grants Licensee a nonexclusive, royalty-free, world-wide license to reproduce, analyze, test, perform and/or display publicly, prepare derivative works, distribute, and otherwise use Python alone or in any derivative version, provided, however, that PSF's License Agreement and PSF's notice of copyright, i.e., "Copyright (c) 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020 Python Software Foundation; All Rights Reserved" are retained in Python alone or in any derivative version prepared by Licensee.</p> <p>3. In the event Licensee prepares a derivative work that is based on or incorporates Python or any part thereof, and wants to make the derivative work available to others as provided herein, then Licensee hereby agrees to include in any such work a brief summary of the changes made to Python.</p> <p>4. PSF is making Python available to Licensee on an "AS IS"</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>basis. PSF MAKES NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED. BY WAY OF EXAMPLE, BUT NOT LIMITATION, PSF MAKES NO AND DISCLAIMS ANY REPRESENTATION OR WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE OR THAT THE USE OF PYTHON WILL NOT INFRINGE ANY THIRD PARTY RIGHTS.</p> <p>5. PSF SHALL NOT BE LIABLE TO LICENSEE OR ANY OTHER USERS OF PYTHON FOR ANY INCIDENTAL, SPECIAL, OR CONSEQUENTIAL DAMAGES OR LOSS AS A RESULT OF MODIFYING, DISTRIBUTING, OR OTHERWISE USING PYTHON, OR ANY DERIVATIVE THEREOF, EVEN IF ADVISED OF THE POSSIBILITY THEREOF.</p> <p>6. This License Agreement will automatically terminate upon a material breach of its terms and conditions.</p> <p>7. Nothing in this License Agreement shall be deemed to create any relationship of agency, partnership, or joint venture between PSF and Licensee. This License Agreement does not grant permission to use PSF trademarks or trade name in a trademark sense to endorse or promote products or services of Licensee, or any third party.</p> <p>8. By copying, installing or otherwise using Python, Licensee agrees to be bound by the terms and conditions of this License Agreement.</p> <p>BEOPEN.COM LICENSE AGREEMENT FOR PYTHON 2.0<br/>-----</p> <p>BEOPEN PYTHON OPEN SOURCE LICENSE AGREEMENT<br/>VERSION 1</p> <p>1. This LICENSE AGREEMENT is between BeOpen.com ("BeOpen"), having an office at 160 Saratoga Avenue, Santa Clara, CA 95051, and the Individual or Organization ("Licensee") accessing and otherwise using this software in source or binary form and its associated</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>documentation ("the Software").</p> <p>2. Subject to the terms and conditions of this BeOpen Python License Agreement, BeOpen hereby grants Licensee a non-exclusive, royalty-free, world-wide license to reproduce, analyze, test, perform and/or display publicly, prepare derivative works, distribute, and otherwise use the Software alone or in any derivative version, provided, however, that the BeOpen Python License is retained in the Software, alone or in any derivative version prepared by Licensee.</p> <p>3. BeOpen is making the Software available to Licensee on an "AS IS" basis. BEOPEN MAKES NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED. BY WAY OF EXAMPLE, BUT NOT LIMITATION, BEOPEN MAKES NO AND DISCLAIMS ANY REPRESENTATION OR WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE OR THAT THE USE OF THE SOFTWARE WILL NOT INFRINGE ANY THIRD PARTY RIGHTS.</p> <p>4. BEOPEN SHALL NOT BE LIABLE TO LICENSEE OR ANY OTHER USERS OF THE SOFTWARE FOR ANY INCIDENTAL, SPECIAL, OR CONSEQUENTIAL DAMAGES OR LOSS AS A RESULT OF USING, MODIFYING OR DISTRIBUTING THE SOFTWARE, OR ANY DERIVATIVE THEREOF, EVEN IF ADVISED OF THE POSSIBILITY THEREOF.</p> <p>5. This License Agreement will automatically terminate upon a material breach of its terms and conditions.</p> <p>6. This License Agreement shall be governed by and interpreted in all respects by the law of the State of California, excluding conflict of law provisions. Nothing in this License Agreement shall be deemed to create any relationship of agency, partnership, or joint venture between BeOpen and Licensee. This License Agreement does not grant permission to use BeOpen trademarks or trade names in a trademark sense to endorse or promote products or services</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>of Licensee, or any third party. As an exception, the "BeOpen Python" logos available at <a href="http://www.pythonlabs.com/logos.html">http://www.pythonlabs.com/logos.html</a> may be used according to the permissions granted on that web page.</p> <p>7. By copying, installing or otherwise using the software, Licensee agrees to be bound by the terms and conditions of this License Agreement.</p> <p>CNRI LICENSE AGREEMENT FOR PYTHON 1.6.1<br/>-----</p> <p>1. This LICENSE AGREEMENT is between the Corporation for National Research Initiatives, having an office at 1895 Preston White Drive, Reston, VA 20191 ("CNRI"), and the Individual or Organization ("Licensee") accessing and otherwise using Python 1.6.1 software in source or binary form and its associated documentation.</p> <p>2. Subject to the terms and conditions of this License Agreement, CNRI hereby grants Licensee a nonexclusive, royalty-free, world-wide license to reproduce, analyze, test, perform and/or display publicly, prepare derivative works, distribute, and otherwise use Python 1.6.1 alone or in any derivative version, provided, however, that CNRI's License Agreement and CNRI's notice of copyright, i.e., "Copyright (c) 1995-2001 Corporation for National Research Initiatives; All Rights Reserved" are retained in Python 1.6.1 alone or in any derivative version prepared by Licensee. Alternately, in lieu of CNRI's License Agreement, Licensee may substitute the following text (omitting the quotes): "Python 1.6.1 is made available subject to the terms and conditions in CNRI's License Agreement. This Agreement together with Python 1.6.1 may be located on the Internet using the following unique, persistent identifier (known as a handle):</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>1895.22/1013. This Agreement may also be obtained from a proxy server on the Internet using the following URL: <a href="http://hdl.handle.net/1895.22/1013">http://hdl.handle.net/1895.22/1013</a>".</p> <p>3. In the event Licensee prepares a derivative work that is based on or incorporates Python 1.6.1 or any part thereof, and wants to make the derivative work available to others as provided herein, then Licensee hereby agrees to include in any such work a brief summary of the changes made to Python 1.6.1.</p> <p>4. CNRI is making Python 1.6.1 available to Licensee on an "AS IS" basis. CNRI MAKES NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED. BY WAY OF EXAMPLE, BUT NOT LIMITATION, CNRI MAKES NO AND DISCLAIMS ANY REPRESENTATION OR WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE OR THAT THE USE OF PYTHON 1.6.1 WILL NOT INFRINGE ANY THIRD PARTY RIGHTS.</p> <p>5. CNRI SHALL NOT BE LIABLE TO LICENSEE OR ANY OTHER USERS OF PYTHON 1.6.1 FOR ANY INCIDENTAL, SPECIAL, OR CONSEQUENTIAL DAMAGES OR LOSS AS A RESULT OF MODIFYING, DISTRIBUTING, OR OTHERWISE USING PYTHON 1.6.1, OR ANY DERIVATIVE THEREOF, EVEN IF ADVISED OF THE POSSIBILITY THEREOF.</p> <p>6. This License Agreement will automatically terminate upon a material breach of its terms and conditions.</p> <p>7. This License Agreement shall be governed by the federal intellectual property law of the United States, including without limitation the federal copyright law, and, to the extent such U.S. federal law does not apply, by the law of the Commonwealth of Virginia, excluding Virginia's conflict of law provisions. Notwithstanding the foregoing, with regard to derivative works based on Python 1.6.1 that incorporate non-separable material that was</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>previously distributed under the GNU General Public License (GPL), the law of the Commonwealth of Virginia shall govern this License Agreement only as to issues arising under or with respect to Paragraphs 4, 5, and 7 of this License Agreement. Nothing in this License Agreement shall be deemed to create any relationship of agency, partnership, or joint venture between CNRI and Licensee. This License Agreement does not grant permission to use CNRI trademarks or trade name in a trademark sense to endorse or promote products or services of Licensee, or any third party.</p> <p>8. By clicking on the "ACCEPT" button where indicated, or by copying, installing or otherwise using Python 1.6.1, Licensee agrees to be bound by the terms and conditions of this License Agreement.</p> <p>ACCEPT</p> <p>CWI LICENSE AGREEMENT FOR PYTHON 0.9.0 THROUGH 1.2</p> <p>== Copyright Notices</p> <p>-----</p> <p>Copyright (c) 1991 - 1995, Stichting Mathematisch Centrum Amsterdam, The Netherlands. All rights reserved.</p> <p>Permission to use, copy, modify, and distribute this software and its documentation for any purpose and without fee is hereby granted, provided that the above copyright notice appear in all copies and that both that copyright notice and this permission notice appear in supporting documentation, and that the name of Stichting Mathematisch Centrum or CWI not be used in advertising or publicity pertaining to distribution of the software without specific, written prior permission.</p> <p>STICHTING MATHEMATISCH CENTRUM DISCLAIMS ALL WARRANTIES WITH REGARD TO</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider              | Component (s)                            | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-----------------------|------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                       |                                          | <p>THIS SOFTWARE, INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS, IN NO EVENT SHALL STICHTING MATHEMATISCH CENTRUM BE LIABLE FOR ANY SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.</p> <p>-----<br/>(separator)-----</p>                                                                                                                                                                                                                |
| Vitaly Puzrin         | js-yaml 3.14.0                           | <p>Copyright (C) 2011-2015 by Vitaly Puzrin<br/>-----separator-----</p> <p>See <a href="#">Appendix G</a></p> <p>-----separator-----<br/>sprintf-js@1.0.3 (BSD-3-Clause)<br/>Copyright (c) 2007-2014, Alexandru Marasteanu<br/>All rights reserved.</p> <p>See <a href="#">Appendix M</a></p> <p>-----separator-----<br/>argparse@1.0.10 (MIT)<br/>Copyright (C) 2012 by Vitaly Puzrin</p> <p>See <a href="#">Appendix G</a></p> <p>-----separator-----<br/>esprima@4.0.1 (BSD-2-Clause)<br/>Copyright JS Foundation and other contributors,<br/><a href="https://js.foundation/">https://js.foundation/</a></p> <p>See <a href="#">Appendix M</a></p> <p>-----separator-----</p> |
|                       | JUnit 5.7.1                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| JWCrypto Contributors | jwcrypto 1.0<br>jwcrypto 1.5.1           | <p>jwcrypto Release 1.0 COPYRIGHT: 2016-2018, JWCrypto Contributors LICENSE: GNU LESSER GENERAL PUBLIC LICENSE Version 3, 29 June 2007<br/>See <a href="#">Appendix C</a></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| fabric8io             | Kubernetes & OpenShift Java Client 6.7.2 | <p>Apache License<br/>Version 2.0, January 2004<br/><a href="http://www.apache.org/licenses/">http://www.apache.org/licenses/</a><br/>See <a href="#">Appendix E</a></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider      | Component (s)   | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|---------------|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Red Hat, Inc. | Keycloak 22.0.5 | <p>Copyright 2016 Red Hat, Inc. and/or its affiliates and other contributors as indicated by the @author tags.<br/>Licensed under the Apache License, version 2.0.<br/>-----separator-----<br/>org.bouncycastle:bcprov-jdk15on:jar:1.65<br/>org.bouncycastle:bcpkix-jdk15on:jar:1.65<br/>Copyright (c) 2000 - 2020 The Legion of the Bouncy Castle Inc. (https://www.bouncycastle.org)<br/>See <a href="#">Appendix G</a><br/>-----separator-----<br/>Fourth Party Dependencies Licensed under only Apache License, Version 2.0<br/>com.openshift:openshift-restclient-java:jar:8.0.0.Final<br/>Copyright (c) 2011 Red Hat, Inc.<br/>--<br/>com.squareup.okhttp3:okhttp:jar:3.14.2<br/>com.squareup.okio:okio:jar:1.17.2<br/>Copyright 2019 Square, Inc.<br/>--<br/>com.webauthn4j:webauthn4j-core:jar:0.10.2.RELEASE<br/>com.webauthn4j:webauthn4j-util:jar:0.10.2.RELEASE<br/>Copyright 2018 the original author or authors.<br/>--<br/>io.reactivex.rxjava2:rxjava:jar:2.2.4<br/>Copyright (c) 2016-present, RxJava Contributors.<br/>--<br/>io.netty:netty-handler:jar:4.1.45.Final<br/>io.netty:netty-buffer:jar:4.1.45.Final<br/>io.netty:netty-transport:jar:4.1.45.Final<br/>io.netty:netty-resolver:jar:4.1.45.Final<br/>io.netty:netty-codec:jar:4.1.45.Final<br/>io.netty:netty-common:jar:4.1.45.Final<br/>io.netty:netty-transport-native-unix-common:jar:4.1.45.Final<br/>Copyright 2012 The Netty Project<br/>--<br/>org.codehaus.plexus:plexus-component-annotations:jar:1.7.1<br/>org.codehaus.plexus:plexus-utils:jar:3.1.0<br/>org.codehaus.groovy:groovy-all:jar:2.4.12<br/>Copyright (c) 2009 codehaus.org.<br/>--<br/>org.codehaus.plexus:plexus-classworlds:jar:2.5.2<br/>Copyright 2002 (C) The Codehaus. All Rights Reserved.<br/>--<br/>org.codehaus.plexus:plexus-interpolation:jar:1.24<br/>Copyright 2001-2008 Codehaus Foundation.</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>--</p> <p>com.github.stephenc.jcip:jcip-annotations:jar:1.0-1<br/>Copyright 2013 Stephen Connolly.</p> <p>--</p> <p>org.aesh:aesh:jar:2.4<br/>org.aesh:readline:jar:2.0<br/>Copyright 2014 Red Hat Inc. and/or its affiliates and other contributors</p> <p>--</p> <p>org.fusesource.jansi:jansi:jar:1.18<br/>Copyright (C) 2009-2017 the original author(s).</p> <p>--</p> <p>xerces:xercesImpl:jar:2.12.0.SP02<br/>Copyright © 1999-2020 The Apache Software Foundation.<br/>All Rights Reserved.</p> <p>--</p> <p>com.fasterxml.jackson.core:jackson-core:jar:2.10.1<br/>com.fasterxml.jackson.core:jackson-databind:jar:2.10.1<br/>com.fasterxml.jackson.core:jackson-annotations:jar:2.10.1<br/>com.fasterxml.jackson.dataformat:jackson-dataformat-cbor:jar:2.10.1<br/>com.fasterxml.classmate:jar:1.3.4<br/>org.infinispan:infinispan-core:jar:9.4.18.Final<br/>org.infinispan:infinispan-commons:jar:9.4.18.Final<br/>org.infinispan:infinispan-multimap:jar:9.4.18.Final<br/>org.infinispan:infinispan-cache-store-remote:jar:9.4.18.Final<br/>org.infinispan:infinispan-client-hotrod:jar:9.4.18.Final<br/>Copyright 2016 Red Hat, Inc. and/or its affiliates</p> <p>--</p> <p>org.jboss.resteasy:resteasy-jaxrs:jar:3.11.2.Final<br/>Copyright 2019 Red Hat, Inc. and/or its affiliates</p> <p>--</p> <p>org.apache.kerby:kerby-asn1:jar:2.0.0<br/>org.apache.commons:commons-collections4:jar:4.1<br/>org.apache.james:apache-mime4j:jar:0.6<br/>org.apache.santuario:xmlsec:jar:2.1.4<br/>org.apache.maven:maven-aether-provider:jar:3.3.9<br/>org.apache.maven:maven-artifact:jar:3.5.4<br/>org.apache.maven.plugin-tools:maven-plugin-annotations:jar:3.4<br/>org.apache.maven:maven-core:jar:3.3.9<br/>org.apache.maven:maven-model:jar:3.5.4<br/>org.apache.maven:maven-model-builder:jar:3.5.4<br/>org.apache.maven:maven-plugin-api:jar:3.3.9<br/>org.apache.maven:maven-repository-metadata:jar:3.5.4</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>org.apache.maven:maven-settings:jar:3.3.9<br/> org.apache.maven:maven-settings-builder:jar:3.3.9<br/> org.apache.maven:maven-builder-support:jar:3.5.4<br/> org.apache.commons:commons-lang3:jar:3.9<br/> org.apache.commons:commons-compress:jar:1.18<br/> org.apache.httpcomponents:httpclient:jar:4.5.11<br/> org.apache.httpcomponents:httpcore:jar:4.4.13<br/> org.freemarker:freemarker:jar:2.3.29<br/> commons-lang:commons-lang:jar:2.6<br/> commons-logging:commons-logging:jar:1.2<br/> commons-codec:commons-codec:jar:1.6<br/> commons-io:commons-io:jar:2.6<br/> &lt;!--<br/> =====</p> <p>Licensed to the Apache Software Foundation (ASF) under one or more contributor license agreements. See the NOTICE file distributed with this work for additional information regarding copyright ownership. The ASF licenses this file to you under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.</p> <p>=====</p> <p>This software consists of voluntary contributions made by many individuals on behalf of the Apache Software Foundation. For more information on the Apache Software Foundation, please see &lt;<a href="http://www.apache.org">http://www.apache.org</a> /&gt;.</p> <p>--&gt;<br/> --</p> <p>com.google.guava:guava:jar:25.0-jre<br/> com.google.code.findbugs:jsr305:jar:1.3.9<br/> com.google.errorprone:error_prone_annotations:jar:2.1.3<br/> com.google.j2objc:j2objc-annotations:jar:1.1<br/> com.google.code.gson:gson:jar:2.8.2<br/> &lt;!--</p> <p>Copyright 2011 Google Inc. All Rights Reserved.<br/> Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>"AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.</p> <pre>--&gt; -- com.google.zxing:javase:jar:3.4.0 com.google.zxing:core:jar:3.4.0 &lt;!-- Copyright (C) 2010 ZXing authors Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at http://www.apache.org/licenses/LICENSE-2.0 Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License. --&gt; -- com.github.ua-parser:uap-java:jar:1.4.3 Copyright 2012 Twitter, Inc -- org.yaml:snakeyaml:jar:1.20 Copyright (c) 2008, http://www.snakeyaml.org -- org.twitter4j:twitter4j-core:jar:4.0.7 Copyright 2007 Yusuke Yamamoto -- com.googlecode.javaewah:JavaEWAH:jar:1.1.6 com.googlecode.owasp-java-html-sanitizer:owasp-java-html-sanitizer:jar:20191001.1 (c) 2009-2016 Daniel Lemire (http://lemire.me/en/), Cliff Moon, David McIntosh (https://github.com/mctofu), Robert Becho (https://github.com/RBecho), Colby Ranger (https://github.com/crangeratgoogle), Veronika Zenz (https://github.com/veronikazenz), Owen Kaser (https://github.com/owenkaser), Gregory Ssi-Yan-Kai (https://github.com/gssiyankai), and Rory Graves (https://github.com/rorygraves) This code is licensed under Apache License, Version 2.0 (ASL2.0). (GPL 2.0 derivatives are allowed.) -- org.jboss.logging:jboss-logging:jar:3.4.1.Final net.bytebuddy:byte-buddy:jar:1.9.11 com.github.ben-manes.caffeine:caffeine:jar:2.6.2 com.github.jai-imageio:jai-imageio-core:jar:1.4.0</pre> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Apache License, Version 2.0</p> <p>--</p> <p>org.jboss.logmanager:jboss-logmanager:jar:2.1.14.Final</p> <p>org.jboss.marshalling:jboss-marshalling:jar:2.0.9.Final</p> <p>org.jboss.marshalling:jboss-marshalling-osgi:jar:2.0.6.Final</p> <p>Copyright 2014 Red Hat, Inc. and/or its affiliates.</p> <p>--</p> <p>org.jboss.remoting:jboss-remoting:jar:5.0.17.Final</p> <p>org.jboss.aesh:aesh:jar:0.66.19</p> <p>org.jboss.resteasy:resteasy-client:jar:3.11.2.Final</p> <p>org.jboss.resteasy:resteasy-jaxb-provider:jar:3.11.2.Final</p> <p>org.jboss.resteasy:resteasy-multipart-provider:jar:3.11.2.Final</p> <p>org.jboss.modules:jboss-modules:jar:1.10.0.Final</p> <p>org.jboss.logging:jboss-logging-processor:jar:2.2.1.Final</p> <p>org.jboss.logging:jboss-logging-annotations:jar:2.2.1.Final</p> <p>org.jboss.jdeparser:jdeparser:jar:2.0.3.Final</p> <p>org.jboss.classfilewriter:jboss-classfilewriter:jar:1.2.4.Final</p> <p>org.jboss.invocation:jboss-invocation:jar:1.5.2.Final</p> <p>org.jboss.marshalling:jboss-marshalling-river:jar:2.0.0.Final</p> <p>Copyright 2016, Red Hat, Inc., and individual contributors as indicated by the @author tags.</p> <p>-----separator-----</p> <p>org.codehaus.mojo:animal-sniffer-annotations:jar:1.14</p> <p>org.codehaus.woodstox:stax2-api:jar:4.2</p> <p>Copyright (c) 2009 codehaus.org.</p> <p>See <a href="#">Appendix G</a></p> <p>-----separator-----</p> <p>Fourth Party Dependencies Licensed only The BSD License</p> <p>antlr:antlr:jar:2.7.7</p> <p>ANTLR 4 License</p> <p>[The BSD License]</p> <p>Copyright (c) 2012 Terence Parr and Sam Harwell</p> <p>All rights reserved.</p> <p>See <a href="#">Appendix M</a></p> <p>-----separator-----</p> <p>Fourth Party Dependencies Licensed under the GNU Lesser General Public License v2.1 or later</p> <p>--&gt;</p> <p>org.jboss.msc:jboss-msc:jar:1.4.11.Final</p> <p>Copyright 2010, Red Hat, Inc., and individual contributors as indicated by the @author tags</p> <p>--</p> <p>org.jboss.metadata:jboss-metadata-common:jar:13.0.0.Final</p> <p>org.jboss.metadata:jboss-metadata-web:jar:13.0.0.Final</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>org.jboss.metadata:jboss-metadata-ear:jar:13.0.0.Final</p> <p>&lt;!--</p> <ul style="list-style-type: none"> <li>~ JBoss, Home of Professional Open Source.</li> <li>~ Copyright 2016, Red Hat, Inc., and individual contributors</li> <li>~ as indicated by the @author tags. See the copyright.txt file in the</li> <li>~ distribution for a full listing of individual contributors.</li> <li>~</li> <li>~ This is free software; you can redistribute it and/or modify it</li> <li>~ under the terms of the GNU Lesser General Public License as</li> <li>~ published by the Free Software Foundation; either version 2.1 of</li> <li>~ the License, or (at your option) any later version.</li> <li>~</li> <li>~ This software is distributed in the hope that it will be useful,</li> <li>~ but WITHOUT ANY WARRANTY; without even the implied warranty of</li> <li>~ MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU</li> <li>~ Lesser General Public License for more details.</li> <li>~</li> <li>~ You should have received a copy of the GNU Lesser General Public</li> <li>~ License along with this software; if not, write to the Free</li> <li>~ Software Foundation, Inc., 51 Franklin St, Fifth Floor, Boston, MA</li> <li>~ 02110-1301 USA, or see the FSF site: <a href="http://www.fsf.org">http://www.fsf.org</a>.</li> </ul> <p>--&gt;</p> <p>--</p> <p>org.hibernate:hibernate-core:jar:5.3.15.Final</p> <p>org.hibernate.common:hibernate-commons-annotations:jar:5.0.4.Final</p> <p>Copyright 2016 Red Hat, Inc. and/or its affiliates</p> <p>org.picketbox:picketbox:jar:5.0.3.Final ©</p> <p>Copyright 2013 Red Hat, Inc.</p> <p>-----separator-----</p> <p>com.jcraft:jsch:jar:0.1.55</p> <p>com.jcraft:jzlib:jar:1.1.3</p> <p>JSch 0.0.* was released under the GNU LGPL license. Later, we have switched over to a BSD-style license.</p> <p>Copyright (c) 2002-2015 Atsuhiko Yamanaka, JCraft, Inc.</p> <p>All rights reserved.</p> <p>See <a href="#">Appendix M</a></p> <p>-----separator-----</p> <p>Fourth Party Dependencies Licensed under EPL 1.0</p> <p>1. The following files are available in source code form under the Eclipse Public License at: <a href="http://www.oracle.com/">http://www.oracle.com/</a></p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>technetwork/opensource/opensource-code-1366576.html.<br/>(The EPL license is reproduced below).</p> <p>2. All past Contributors to these files disclaim all warranties and conditions, express and implied, including warranties or conditions of title and non-infringement, and implied warranties or conditions of merchantability and fitness for a particular purpose. In addition, such Contributors are not liable for any damages, including direct, indirect, special, incidental and consequential damages, such as lost profits.</p> <p>3. Any provisions of the Oracle license agreement that differ from the Eclipse Public License are offered by Oracle alone and not by any other party.</p> <p>4. These files are licensed in executable form under your Oracle license agreement. Oracle is solely responsible for any representations and warranties contained therein.</p> <p>com.h2database:h2:jar:1.4.197<br/>aether-api 1.0.2.v20150114<br/>aether-impl 1.0.2.v20150114<br/>aether-spi 1.0.2.v20150114<br/>aether-util 1.0.2.v20150114<br/>org.eclipse.jgit 5.0.2.201807311906-r<br/>org.eclipse.sisu.inject 0.3.2<br/>org.eclipse.sisu.plexus 0.3.2<br/>-----separator-----</p> <p>Fourth Party Dependencies Licensed under MPL 1.1, LGPL 2.1 or Apache License 2.0<br/>org.javassist:javassist:jar:3.23.2-GA<br/>Oracle elects the Apache License Version 2.0.<br/>-----separator-----</p> <p>org.dom4j:dom4j:jar:2.1.3<br/>Copyright 2001-2016 (C) MetaStuff, Ltd. and DOM4J contributors. All Rights Reserved.</p> <p>Redistribution and use of this software and associated documentation ("Software"), with or without modification, are permitted provided that the following conditions are met:</p> <p>1. Redistributions of source code must retain copyright statements and notices. Redistributions must also contain a copy of this document.</p> <p>2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.</p> <p>3. The name "DOM4J" must not be used to endorse or promote products derived from this Software without prior written permission of MetaStuff, Ltd. For written permission, please contact dom4j-info@metastuff.com.</p> <p>4. Products derived from this Software may not be called "DOM4J" nor may "DOM4J" appear in their names without prior written permission of MetaStuff, Ltd. DOM4J is a registered trademark of MetaStuff, Ltd.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider  | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|           |               | <p>5. Due credit should be given to the DOM4J Project - <a href="https://dom4j.github.io/">https://dom4j.github.io/</a></p> <p>THIS SOFTWARE IS PROVIDED BY METASTUFF, LTD. AND CONTRIBUTORS ``AS IS" AND ANY EXPRESSED OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL METASTUFF, LTD. OR ITS CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>-----separator-----</p> <p>org.checkerframework:checker-compat-qual:jar:2.0.0</p> <p>Checker Framework qualifiers</p> <p>Copyright 2004-present by the Checker Framework developers</p> <p>See <a href="#">Appendix G</a></p> <p>-----separator-----</p> <p>APACHE 2.0 -</p> <p>See <a href="#">Appendix E</a></p> <p>--</p> <p>GNU General Public License, Version 2 (GPL-2.1) -</p> <p>See <a href="#">Appendix B</a></p> <p>--</p> <p>EPL Version 1.0 - See <a href="#">Appendix J</a></p> |
| Kong Inc. | Kong 1.0.3    | <p>Copyright 2016-2018 Kong Inc. Licensed under the Apache License, Version 2.0 (the "License") APACHE 2.0 - See <a href="#">Appendix E</a></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider           | Component (s)    | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|--------------------|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| JSON-SMART authors | json-smart 2.4.8 | <p>Copyright Info:</p> <p>-----</p> <p>Copyright 2011 JSON-SMART authors</p> <p>Licensed under the Apache License, Version 2.0 (the "License");</p> <p>you may not use this file except in compliance with the License.</p> <p>You may obtain a copy of the License at</p> <p><a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Unless required by applicable law or agreed to in writing, software</p> <p>distributed under the License is distributed on an "AS IS" BASIS,</p> <p>WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.</p> <p>See the License for the specific language governing permissions and</p> <p>limitations under the License.</p> <p>License Info</p> <p>-----</p> <p>Apache License</p> <p>Version 2.0, January 2004</p> <p><a href="http://www.apache.org/licenses/">http://www.apache.org/licenses/</a></p> <p>APACHE 2.0 - See <a href="#">Appendix E</a></p> <p>APPENDIX: How to apply the Apache License to your work.</p> <p>To apply the Apache License to your work, attach the following</p> <p>boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a</p> <p>file or class name and description of purpose be included on the</p> <p>same "printed page" as the copyright notice for easier identification within third-party archives.</p> <p>Copyright [yyyy] [name of copyright owner]</p> <p>Licensed under the Apache License, Version 2.0 (the "License");</p> <p>you may not use this file except in compliance with the License.</p> <p>You may obtain a copy of the License at</p> <p><a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Unless required by applicable law or agreed to in writing, software</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider               | Component (s)                 | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|------------------------|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                        |                               | <p>distributed under the License is distributed on an "AS IS" BASIS,<br/>WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND,<br/>either express or implied.<br/>See the License for the specific language governing<br/>permissions and<br/>limitations under the License.</p> <p>-----</p> <p>Dependency 1:<br/>accessors-smart<br/>Copyright 2011 JSON-SMART authors<br/>Licensed under the Apache License, Version 2.0 (the<br/>"License");<br/>you may not use this file except in compliance with the<br/>License.<br/>You may obtain a copy of the License at<br/><a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a><br/>Unless required by applicable law or agreed to in writing,<br/>software<br/>distributed under the License is distributed on an "AS IS"<br/>BASIS,<br/>WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND,<br/>either express or implied.<br/>See the License for the specific language governing<br/>permissions and<br/>limitations under the License.</p> <p>-----</p> <p>Dependency 2:<br/>ASM<br/>ASM: a very small and fast Java bytecode manipulation<br/>framework<br/>Copyright (c) 2000-2011 INRIA, France Telecom<br/>All rights reserved.<br/>See <a href="#">Appendix M</a></p> |
| The Kubernetes Authors | Kubernetes Java Client 16.0.0 | <p>Licenses<br/>Top-level license and Copyright<br/>APACHE 2.0 - See <a href="#">Appendix E</a><br/>*****<br/>*****<br/>org.yaml:snakeyaml<br/>APACHE 2.0 - See <a href="#">Appendix E</a><br/><a href="#">Apache License, Version 1.1</a></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider               | Component (s)                                                                                                                            | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| The Kubernetes Authors | Kubernetes Python Client 21.7.0<br>Kubernetes Python Client 23.3.0<br>Kubernetes Python Client 28.1.0<br>Kubernetes Python Client 29.0.0 | <p>Copyright 2014 The Kubernetes Authors.</p> <p>Licensed under the Apache License, Version 2.0 (the "License");<br/>you may not use this file except in compliance with the License.<br/>You may obtain a copy of the License at</p> <p><a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Unless required by applicable law or agreed to in writing, software<br/>distributed under the License is distributed on an "AS IS" BASIS,<br/>WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.<br/>See the License for the specific language governing permissions and<br/>limitations under the License.</p> <p>-----</p> <p>APACHE 2.0 - See <a href="#">Appendix E</a></p> <p>-----4th-party<br/>dependencies-----</p> <p>certifi</p> <p>This package contains a modified version of ca-bundle.crt:</p> <p>ca-bundle.crt -- Bundle of CA Root Certificates</p> <p>Certificate data from Mozilla as of: Thu Nov 3 19:04:19 2011#<br/>This is a bundle of X.509 certificates of public Certificate Authorities (CA). These were automatically extracted from Mozilla's root certificates file (certdata.txt). This file can be found in the mozilla source tree:<br/><a href="http://mxr.mozilla.org/mozilla/source/security/nss/lib/ckfw/builtins/certdata.txt?raw=1#">http://mxr.mozilla.org/mozilla/source/security/nss/lib/ckfw/builtins/certdata.txt?raw=1#</a><br/>It contains the certificates in PEM format and therefore<br/>can be directly used with curl / libcurl / php_curl, or with<br/>an Apache+mod_ssl webserver for SSL client authentication.<br/>Just configure this file as the<br/>SSLCACertificateFile.#</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>***** BEGIN LICENSE BLOCK *****</p> <p>This Source Code Form is subject to the terms of the Mozilla Public License, v. 2.0. If a copy of the MPL was not distributed with this file, You can obtain one at <a href="http://mozilla.org/MPL/2.0/">http://mozilla.org/MPL/2.0/</a>.</p> <p>*****</p> <p>Mozilla Public License Version 2.0 - See <a href="#">Appendix S</a></p> <p>-----</p> <p>six</p> <p>Copyright (c) 2010-2020 Benjamin Peterson</p> <p>See <a href="#">Appendix G</a></p> <p>-----</p> <p>python-dateutil</p> <p>Copyright 2017- Paul Ganssle<br/>Copyright 2017- dateutil contributors (see AUTHORS file)</p> <p>Licensed under the Apache License, Version 2.0 (the "License");<br/>you may not use this file except in compliance with the License.<br/>You may obtain a copy of the License at</p> <p><a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Unless required by applicable law or agreed to in writing, software<br/>distributed under the License is distributed on an "AS IS" BASIS,<br/>WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.<br/>See the License for the specific language governing permissions and<br/>limitations under the License.</p> <p>The above license applies to all contributions after 2017-12-01, as well as<br/>all contributions that have been re-licensed (see AUTHORS file for the list of<br/>contributors who have re-licensed their code).</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>-----</p> <p>dateutil - Extensions to the standard Python datetime module.</p> <p>Copyright 2017- Paul Ganssle<br/>Copyright 2017- dateutil contributors (see AUTHORS file)</p> <p>Licensed under the Apache License, Version 2.0 (the "License");<br/>you may not use this file except in compliance with the License.<br/>You may obtain a copy of the License at</p> <p><a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Unless required by applicable law or agreed to in writing, software<br/>distributed under the License is distributed on an "AS IS" BASIS,<br/>WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.<br/>See the License for the specific language governing permissions and<br/>limitations under the License.</p> <p>The above license applies to all contributions after 2017-12-01, as well as<br/>all contributions that have been re-licensed (see AUTHORS file for the list of<br/>contributors who have re-licensed their code).</p> <p>-----</p> <p>dateutil - Extensions to the standard Python datetime module.</p> <p>Copyright (c) 2003-2011 - Gustavo Niemeyer<br/>Copyright (c) 2012-2014 - Tomi Pieviläinen<br/>Copyright (c) 2014-2016 - Yaron de Leeuw<br/>Copyright (c) 2015- - Paul Ganssle<br/>Copyright (c) 2015- - dateutil contributors (see AUTHORS file)</p> <p>All rights reserved.</p> <p>See <a href="#">Appendix M</a></p> <p>The above BSD License Applies to all code, even that also covered by Apache 2.0.</p> <p>-----</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>setuptools</p> <p>Copyright (C) 2016 Jason R Coombs</p> <p>MIT License See <a href="#">Appendix G</a></p> <p>-----</p> <p>PyYAML</p> <p>Copyright (c) 2017-2021 Ingy döt Net<br/>Copyright (c) 2006-2016 Kirill Simonov</p> <p>MIT License See <a href="#">Appendix G</a></p> <p>-----</p> <p>google-auth</p> <p>Copyright 2019 Google LLC</p> <p>Licensed under the Apache License, Version 2.0 (the "License");<br/>you may not use this file except in compliance with the License.<br/>You may obtain a copy of the License at</p> <p><a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Unless required by applicable law or agreed to in writing, software<br/>distributed under the License is distributed on an "AS IS" BASIS,<br/>WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.<br/>See the License for the specific language governing permissions and<br/>limitations under the License.</p> <p>-----</p> <p>websocket-client</p> <p>LGPL v2.1 - See <a href="#">Appendix T</a></p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>-----</p> <p>requests</p> <p>Copyright 2019 Kenneth Reitz</p> <p>Licensed under the Apache License, Version 2.0 (the "License");<br/>you may not use this file except in compliance with the License.<br/>You may obtain a copy of the License at</p> <p><a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Unless required by applicable law or agreed to in writing, software<br/>distributed under the License is distributed on an "AS IS" BASIS,<br/>WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.<br/>See the License for the specific language governing permissions and<br/>limitations under the License.</p> <p>-----</p> <p>requests-oauthlib 1.3.0</p> <p>ISC License</p> <p>Copyright (c) 2014 Kenneth Reitz.</p> <p>Permission to use, copy, modify, and/or distribute this software for any<br/>purpose with or without fee is hereby granted, provided that the above<br/>copyright notice and this permission notice appear in all copies.</p> <p>THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES<br/>WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF<br/>MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR<br/>ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES<br/>WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN<br/>ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF<br/>OR IN CONNECTION WITH THE USE OR PERFORMANCE OF</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>THIS SOFTWARE.</p> <p>-----</p> <p>-----</p> <p>urllib3 1.26.7</p> <p>MIT License</p> <p>Copyright (c) 2008-2020 Andrey Petrov and contributors (see CONTRIBUTORS.txt)</p> <p>MIT License See <a href="#">Appendix G</a></p> <hr/> <p>cachetools 4.2.4</p> <p>The MIT License (MIT)</p> <p>Copyright (c) 2014-2021 Thomas Kemmer</p> <p>MIT License See <a href="#">Appendix G</a></p> <hr/> <p>pyasn1-modules 0.2.8</p> <p>Copyright (c) 2005-2019, Ilya Etingof<br/>All rights reserved.</p> <p>See <a href="#">Appendix M</a></p> <hr/> <p>rsa 4.7.2</p> <p>Copyright 2011 Sybren A. Stüvel</p> <p>Licensed under the Apache License, Version 2.0 (the "License");<br/>you may not use this file except in compliance with the License.<br/>You may obtain a copy of the License at</p> <p><a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Unless required by applicable law or agreed to in writing, software<br/>distributed under the License is distributed on an</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>"AS IS" BASIS,<br/>WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND,<br/>either express or implied.<br/>See the License for the specific language<br/>governing permissions and<br/>limitations under the License.</p> <p>*****</p> <p>Apache License<br/>Version 2.0, January 2004<br/><a href="http://www.apache.org/licenses/">http://www.apache.org/licenses/</a></p> <hr/> <p>idna 3.2</p> <p>MIT License</p> <p>Copyright (c) 2019 TAHRI Ahmed R.</p> <p>MIT License See <a href="#">Appendix G</a></p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider               | Component (s)                   | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|------------------------|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| The Kubernetes Authors | Kubernetes Python Client 11.0.0 | <pre> # Copyright 2016 The Kubernetes Authors. # # Licensed under the Apache License, Version 2.0 (the # "License"); # you may not use this file except in compliance with the # License. # You may obtain a copy of the License at # # http://www.apache.org/licenses/LICENSE-2.0 # # Unless required by applicable law or agreed to in writing, # software # distributed under the License is distributed on an "AS IS" # BASIS, # WITHOUT WARRANTIES OR CONDITIONS OF ANY # KIND, either express or implied. # See the License for the # specific language governing permissions and # limitations # under the License. APACHE 2.0 - See <a href="#">Appendix E</a> #####4th party dependencies##### certifi, 2020.4.5.2, MPL This packge contains a modified version of ca-bundle.crt: ca-bundle.crt -- Bundle of CA Root Certificates Certificate data from Mozilla as of: Thu Nov 3 19:04:19 2011 # This is a bundle of X.509 certificates of public Certificate # Authorities (CA). These # were automatically extracted from Mozilla's root certificates # file (certdata.txt). This file # can be found in the mozilla source tree: # http://mxr.mozilla.org/mozilla/source/security/nss/lib/ckfw/ # builtins/certdata.txt?raw=1# # It contains the certificates in PEM format and therefore can # be directly used with curl # / libcurl / php_curl, or with an Apache+mod_ssl webserver for # SSL client authentication. # Just configure this file as the SSLCACertificateFile. # ***** BEGIN LICENSE BLOCK ***** # This Source Code Form is subject to the terms of the Mozilla # Public License, v. 2.0. If a copy of the MPL was not # distributed with this file, You can obtain one at # http://mozilla.org/MPL/2.0/. # ***** END LICENSE BLOCK ***** @(#) \$RCSfile: certdata.txt,v \$ \$Revision: 1.80 \$ \$Date: 2011/11/03 15:11:58 \$ Mozilla Public License Version 2.0 ===== Mozilla Public License Version 2.0 - See <a href="#">Appendix S</a> +++++</pre> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>six, 1.15.0 MIT<br/>Copyright (c) 2010-2020 Benjamin Peterson<br/>MIT License See <a href="#">Appendix G</a></p> <p>+++++</p> <p>python-dateutil, 2.8.1, Apache 2.0 + BSD<br/>Copyright 2017- Paul Ganssle &lt;paul@ganssle.io&gt;<br/>Copyright 2017- dateutil contributors (see AUTHORS file)<br/>Licensed under the Apache License, Version 2.0 (the "License");<br/>you may not use this file except in compliance with the License.<br/>You may obtain a copy of the License at<br/><a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a><br/>Unless required by applicable law or agreed to in writing, software<br/>distributed under the License is distributed on an "AS IS" BASIS,<br/>WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.<br/>See the License for the specific language governing permissions and<br/>limitations under the License.<br/>The above license applies to all contributions after 2017-12-01, as well as<br/>all contributions that have been re-licensed (see AUTHORS file for the list of<br/>contributors who have re-licensed their code).</p> <p>-----</p> <p>dateutil - Extensions to the standard Python datetime module.<br/>Copyright (c) 2003-2011 - Gustavo Niemeyer &lt;gustavo@niemeyer.net&gt;<br/>Copyright (c) 2012-2014 - Tomi Pieviläinen &lt;tomi.pievilainen@iki.fi&gt;<br/>Copyright (c) 2014-2016 - Yaron de Leeuw &lt;me@jarondl.net&gt;<br/>Copyright (c) 2015- - Paul Ganssle &lt;paul@ganssle.io&gt;<br/>Copyright (c) 2015- - dateutil contributors (see AUTHORS file)<br/>All rights reserved.<br/>See <a href="#">Appendix M</a><br/>The above BSD License Applies to all code, even that also covered by Apache 2.0.</p> <p>+++++</p> <p>setuptools, 47.1.1, MIT<br/>Copyright (C) 2016 Jason R Coombs &lt;jaraco@jaraco.com&gt;<br/>MIT License See <a href="#">Appendix G</a></p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <pre> +++++++ pyyaml, 5.3.1, MIT Copyright (c) 2017-2020 Ingy döt Net Copyright (c) 2006-2016 Kirill Simonov MIT License See <a href="#">Appendix G</a> +++++++ google-auth, 1.17.1, Apache-2.0 # Copyright 2019 Google LLC # # Licensed under the Apache License, Version 2.0 (the # "License"); # you may not use this file except in compliance with the # License. # You may obtain a copy of the License at # # http://www.apache.org/licenses/LICENSE-2.0 # # Unless required by applicable law or agreed to in writing, # software # distributed under the License is distributed on an "AS IS" # BASIS, # WITHOUT WARRANTIES OR CONDITIONS OF ANY # KIND, either express or implied. # See the License for the specific language governing # permissions and # limitations under the License. +++++++ ipaddress, 1.0.23, PSF This package is a modified version of cpython's ipaddress module. It is therefore distributed under the PSF license, as follows: PYTHON SOFTWARE FOUNDATION LICENSE VERSION 2 ----- 1. This LICENSE AGREEMENT is between the Python Software Foundation ("PSF"), and the Individual or Organization ("Licensee") accessing and otherwise using this software ("Python") in source or binary form and its associated documentation. 2. Subject to the terms and conditions of this License Agreement, PSF hereby grants Licensee a nonexclusive, royalty-free, world-wide license to reproduce, analyze, test, perform and/or display publicly, prepare derivative works, distribute, and otherwise use Python alone or in any derivative version, provided, however, that PSF's License Agreement and PSF's notice </pre> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>of copyright, i.e.,<br/> "Copyright (c) 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014 Python Software Foundation; All Rights Reserved" are retained in Python alone or in any derivative version prepared by Licensee.</p> <p>3. In the event Licensee prepares a derivative work that is based on or incorporates Python or any part thereof, and wants to make the derivative work available to others as provided herein, then Licensee hereby agrees to include in any such work a brief summary of the changes made to Python. 4. PSF is making Python available to Licensee on an "AS IS" basis.</p> <p>PSF MAKES NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED.</p> <p>BY WAY OF EXAMPLE, BUT NOT LIMITATION, PSF MAKES NO AND DISCLAIMS ANY REPRESENTATION OR WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE OR THAT THE USE OF PYTHON WILL NOT INFRINGE ANY THIRD PARTY RIGHTS. 5. PSF SHALL NOT BE LIABLE TO LICENSEE OR ANY OTHER USERS OF PYTHON FOR ANY INCIDENTAL, SPECIAL, OR CONSEQUENTIAL DAMAGES OR LOSS AS A RESULT OF MODIFYING, DISTRIBUTING, OR OTHERWISE USING PYTHON, OR ANY DERIVATIVE THEREOF, EVEN IF ADVISED OF THE POSSIBILITY THEREOF.</p> <p>6. This License Agreement will automatically terminate upon a material breach of its terms and conditions.</p> <p>7. Nothing in this License Agreement shall be deemed to create any relationship of agency, partnership, or joint venture between PSF and Licensee. This License Agreement does not grant permission to use PSF trademarks or trade name in a trademark sense to endorse or promote products or services of Licensee, or any third party.</p> <p>8. By copying, installing or otherwise using Python, Licensee agrees to be bound by the terms and conditions of this License Agreement.</p> <p>+++++</p> <p>websocket-client, 0.57.0,<br/> BSD Copyright 2018 Hiroki Ohtani.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>See <a href="#">Appendix M</a></p> <p>+++++</p> <p>requests, 2.23.0, Apache-2.0</p> <p>Copyright 2019 Kenneth Reitz Licensed under the Apache License, Version 2.0 (the "License");<br/>you may not use this file except in compliance with the License.<br/>You may obtain a copy of the License at<br/><a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a><br/>Unless required by applicable law or agreed to in writing,<br/>software distributed under the License<br/>is distributed on an "AS IS" BASIS, WITHOUT<br/>WARRANTIES OR CONDITIONS OF ANY KIND,<br/>either express or implied.<br/>See the License for the specific language governing<br/>permissions and limitations under the License.</p> <p>+++++</p> <p>requests-oauthlib , v1.3.0, ISC</p> <p>ISC License Copyright (c) 2014 Kenneth Reitz.<br/>Permission to use, copy, modify, and/or distribute this<br/>software for any purpose with or without<br/>fee is hereby granted, provided that the above copyright<br/>notice and this permission notice appear<br/>in all copies.<br/>THE SOFTWARE IS PROVIDED "AS IS" AND THE<br/>AUTHOR DISCLAIMS ALL WARRANTIES<br/>WITH REGARD TO THIS SOFTWARE INCLUDING ALL<br/>IMPLIED WARRANTIES OF<br/>MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL<br/>THE AUTHOR BE LIABLE<br/>FOR ANY SPECIAL, DIRECT, INDIRECT, OR<br/>CONSEQUENTIAL DAMAGES OR ANY<br/>DAMAGES WHATSOEVER RESULTING FROM LOSS OF<br/>USE, DATA OR PROFITS,<br/>WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE<br/>OR OTHER TORTIOUS<br/>ACTION, ARISING OUT OF OR IN CONNECTION WITH<br/>THE USE OR PERFORMANCE OF<br/>THIS SOFTWARE.</p> <p>+++++</p> <p>urllib3, 1.25.9, MIT</p> <p>MIT License<br/>Copyright (c) 2008-2020 Andrey Petrov and contributors (see<br/>CONTRIBUTORS.txt)<br/>MIT License See <a href="#">Appendix G</a></p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider       | Component (s)                        | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------------|--------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Red Hat, Inc., | Kubescape 2.23.0<br>Kubescape 2.24.0 | APACHE 2.0 - See <a href="#">Appendix E</a><br>Copyright 2016 Kubescape Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a> Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License. |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s)                                                      | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|----------|--------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TobiX    | Lockable resources plug-in 2.11<br>Lockable resources plug-in 2.18 | Lockable resources plugin, 2.11<br><br>The MIT License<br><br>Copyright 2013-2015, 6WIND S.A. All rights reserved.<br>Copyright 2016-2018, Antonio Muñiz<br>Copyright 2019, TobiX<br><br>MIT License See <a href="#">Appendix G</a><br>APACHE 2.0 - See <a href="#">Appendix E</a><br><br>-----<br>-----<br>-----<br>workflow-support-plugin,3.8 (Pipeline: Supporting APIs)<br><br>The MIT License<br>~<br>~ Copyright (c) 2013-2014, CloudBees, Inc.<br>~<br>~<br><br>MIT License See <a href="#">Appendix G</a><br><br>-----<br>-----<br>-----                                                |
|          |                                                                    | mailer-plugin,1.34 (Mailer Plugin)<br><br>The MIT License<br><br>Copyright (c) 2006, 2008 Junio C Hamano<br>Copyright (c) 2004-2018, Sun Microsystems, Inc., CloudBees, Inc.<br>Copyright (c) 2004-2009, Sun Microsystems, Inc., Kohsuke Kawaguchi, Luca Domenico Milanese<br>Copyright (c) 2004-2010, Sun Microsystems, Inc., Kohsuke Kawaguchi<br>Copyright (c) 2013-2014, CloudBees, Inc.<br>Copyright (c) 2012-2013 Kohsuke Kawaguchi<br>Copyright (C) 2018 - 2020 Oleg Nenashev, Alessandro Menti<br><br>Begin license text.<br>Copyright<br><br>MIT License See <a href="#">Appendix G</a> |
|          |                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|          |                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>End license text.</p> <p>-----</p> <p>-----</p> <p>-----</p> <p>matrix-project-plugin,1.19 (Matrix Project Plugin)</p> <p>The MIT License</p> <p>Copyright (c) 2004-2009, Sun Microsystems, Inc.,<br/>Kohsuke Kawaguchi<br/>Copyright 2014 Jesse Glick.<br/>Copyright (c) 2015 Red Hat, Inc.<br/>Copyright (c) 2010-2011, Alan Harder<br/>Copyright 2016 EvilTK.<br/>Copyright (c) 2004-2011, Sun Microsystems, Inc.,<br/>CloudBees, Inc.<br/>Copyright (c) 2004-2010, Sun Microsystems, Inc.<br/>Kohsuke Kawaguchi. Knud Poulsen<br/>Copyright 2012 sogabe<br/>Copyright (c) 2013, Chunghwa Telecom Co., Ltd.,<br/>Pei-Tang Huang<br/>Copyright (c) 2006, 2008 Junio C Hamano<br/>Copyright (c) 2010, InfraDNA, Inc.</p> <p>Begin license text.<br/>Copyright</p> <p>MIT License See <a href="#">Appendix G</a></p> <p>End license text.</p> <p>-----</p> <p>-----</p> <p>-----</p> <p>script-security-plugin,1.78 (Script Security<br/>Plugin)</p> <p>The MIT License</p> <p>Copyright 2014 Jesse Glick, CloudBees Inc.<br/>Copyright 2014 Jesse Glick.<br/>Copyright 2019 CloudBees, Inc.<br/>Copyright 2016 CloudBees, Inc.</p> <p>Begin license text.<br/>Copyright</p> <p>MIT License See <a href="#">Appendix G</a></p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>End license text.</p> <p>-----</p> <p>-----</p> <p>-----</p> <p>structs-plugin,1.23 (Structs Plugin)</p> <p>The MIT License</p> <p>Copyright 2019 CloudBees, Inc.<br/>Copyright (c) 2017, CloudBees, Inc.<br/>Copyright (c) 2018, CloudBees, Inc.<br/>Copyright 2014 Jesse Glick.</p> <p>Begin license text.<br/>Copyright</p> <p>MIT License See <a href="#">Appendix G</a></p> <p>End license text.<br/>Lockable resources plugin, 2.11</p> <p>The MIT License</p> <p>Copyright 2013-2015, 6WIND S.A. All rights reserved.<br/>Copyright 2016-2018, Antonio Muñoz<br/>Copyright 2019, Tobix</p> <p>MIT License See <a href="#">Appendix G</a></p> <p>-----</p> <p>-----</p> <p>-----</p> <p>caffeine-api-<br/>plugin,2.9.2-29.v717aac953ff3(Caffeine API Plugin)</p> <p>Apache License<br/>Copyright (c) 2006, 2008 Junio C Hamano</p> <p>2004</p> <p>licenses/</p> <p>Apache License<br/>Version 2.0, January</p> <p><a href="http://www.apache.org/licenses/">http://www.apache.org/licenses/</a></p> <p>APACHE 2.0 - See <a href="#">Appendix E</a></p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>-----</p> <p>-----</p> <p>-----</p> <p>workflow-support-plugin,3.8 (Pipeline: Supporting APIs)</p> <p>The MIT License</p> <p>~</p> <p>~ Copyright (c) 2013-2014, CloudBees, Inc.</p> <p>~</p> <p>~</p> <p>MIT License See <a href="#">Appendix G</a></p> <p>-----</p> <p>-----</p> <p>-----</p> <p>mailer-plugin,1.34 (Mailer Plugin)</p> <p>The MIT License</p> <p>Copyright (c) 2006, 2008 Junio C Hamano</p> <p>Copyright (c) 2004-2018, Sun Microsystems, Inc., CloudBees, Inc.</p> <p>Copyright (c) 2004-2009, Sun Microsystems, Inc., Kohsuke Kawaguchi, Luca Domenico Milanese</p> <p>Copyright (c) 2004-2010, Sun Microsystems, Inc., Kohsuke Kawaguchi</p> <p>Copyright (c) 2013-2014, CloudBees, Inc.</p> <p>Copyright (c) 2012-2013 Kohsuke Kawaguchi</p> <p>Copyright (C) 2018 - 2020 Oleg Nenashev, Alessandro Menti</p> <p>Begin license text.</p> <p>Copyright</p> <p>MIT License See <a href="#">Appendix G</a></p> <p>End license text.</p> <p>-----</p> <p>-----</p> <p>-----</p> <p>matrix-project-plugin,1.19 (Matrix Project Plugin)</p> <p>The MIT License</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Copyright (c) 2004-2009, Sun Microsystems, Inc.,<br/>Kohsuke Kawaguchi<br/>Copyright 2014 Jesse Glick.<br/>Copyright (c) 2015 Red Hat, Inc.<br/>Copyright (c) 2010-2011, Alan Harder<br/>Copyright 2016 EvilTK.<br/>Copyright (c) 2004-2011, Sun Microsystems, Inc.,<br/>CloudBees, Inc.<br/>Copyright (c) 2004-2010, Sun Microsystems, Inc.<br/>Kohsuke Kawaguchi. Knud Poulsen<br/>Copyright 2012 sogabe<br/>Copyright (c) 2013, Chunghwa Telecom Co., Ltd.,<br/>Pei-Tang Huang<br/>Copyright (c) 2006, 2008 Junio C Hamano<br/>Copyright (c) 2010, InfraDNA, Inc.</p> <p>Begin license text.<br/>Copyright</p> <p>MIT License See <a href="#">Appendix G</a></p> <p>End license text.</p> <p>-----<br/>-----<br/>-----</p> <p>script-security-plugin,1.78 (Script Security<br/>Plugin)</p> <p>The MIT License</p> <p>Copyright 2014 Jesse Glick, CloudBees Inc.<br/>Copyright 2014 Jesse Glick.<br/>Copyright 2019 CloudBees, Inc.<br/>Copyright 2016 CloudBees, Inc.</p> <p>Begin license text.<br/>Copyright</p> <p>MIT License See <a href="#">Appendix G</a></p> <p>End license text.</p> <p>-----<br/>-----<br/>-----</p> <p>structs-plugin,1.23 (Structs Plugin)</p> <p>The MIT License</p> <p>Copyright 2019 CloudBees, Inc.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider        | Component (s)                                                                                                | Licensing Information                                                                                                                                                                                                                                                                                                                   |
|-----------------|--------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                 |                                                                                                              | <p>Copyright (c) 2017, CloudBees, Inc.<br/> Copyright (c) 2018, CloudBees, Inc.<br/> Copyright 2014 Jesse Glick.</p> <p>Begin license text.<br/> Copyright</p> <p>MIT License See <a href="#">Appendix G</a></p> <p>End license text.<br/> -----<br/> -----<br/> -----</p>                                                              |
| CloudBees, Inc. | Login Theme Plugin for Jenkins<br>82.v6f8cc54f93c5<br>Login Theme Plugin for Jenkins<br>108.vf74a_83b_2238b_ | MIT License Copyright (c) 2018, CloudBees, Inc.<br>MIT License See <a href="#">Appendix G</a><br>-----structs:-1.2----- The MIT<br>License (MIT) Copyright 2014 Jesse Glick. Copyright (c)<br>2017, CloudBees, Inc. Copyright (c) 2018, CloudBees, Inc.<br>Copyright 2019 CloudBees, Inc.<br>MIT License See <a href="#">Appendix G</a> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider          | Component (s)  | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-------------------|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| OpenJS Foundation | lodash 4.17.21 | <p>The MIT License</p> <p>Copyright OpenJS Foundation and other contributors</p> <p>Based on Underscore.js, copyright Jeremy Ashkenas, DocumentCloud and Investigative Reporters &amp; Editors</p> <p>This software consists of voluntary contributions made by many individuals. For exact contribution history, see the revision history available at <a href="https://github.com/lodash/lodash">https://github.com/lodash/lodash</a></p> <p>The following license applies to all parts of this software except as documented below:</p> <p>====</p> <p>MIT License See <a href="#">Appendix G</a></p> <p>====</p> <p>Copyright and related rights for sample code are waived via CC0. Sample code is defined as all source code displayed within the prose of the documentation.</p> <p>CC0: <a href="http://creativecommons.org/publicdomain/zero/1.0/">http://creativecommons.org/publicdomain/zero/1.0/</a></p> <p>====</p> <p>Files located in the node_modules and vendor directories are externally maintained libraries used by this software which have their own licenses; we recommend you read them, as their terms may differ from the terms above.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider                       | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|--------------------------------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Apache                         | Log4J 2.13.1  | <p>These are all the Log4j 2.13.1 artifacts: log4j-1.2-api-2.13.1.jar log4j-api-2.13.1.jar log4j-api-scala_2.12-11.0.jar log4j-cassandra-2.13.1.jar log4j-core-2.13.1.jar log4j-couchdb-2.13.1.jar log4j-flume-ng-2.13.1.jar log4j-iostreams-2.13.1.jar log4j-jcl-2.13.1.jar log4j-jul-2.13.1.jar log4j-slf4j-impl-2.13.1.jar log4j-taglib-2.13.1.jar log4j-to-slf4j-2.13.1.jar log4j-web-2.13.1.jar</p> <p>They are all covered under the following license and copyright notice: License: Apache 2.0</p> <p>See <a href="#">Appendix E</a></p> <p>Copyright Notice: Apache Log4j API Copyright 1999-2020 The Apache Software Foundation This product includes software developed at The Apache Software Foundation (<a href="http://www.apache.org/">http://www.apache.org/</a>).</p> |
| The Apache Software Foundation | Log4J 2.13.3  | <p>Apache License See <a href="#">Appendix E</a></p> <p>-----</p> <p>Apache Log4j<br/>Copyright 1999-2017 Apache Software Foundation</p> <p>This product includes software developed at The Apache Software Foundation (<a href="http://www.apache.org/">http://www.apache.org/</a>).</p> <p>ResolverUtil.java<br/>Copyright 2005-2006 Tim Fennell</p> <p>Dumbster SMTP test server<br/>Copyright 2004 Jason Paul Kitchen</p> <p>TypeUtil.java<br/>Copyright 2002-2012 Ramnivas Laddad, Juergen Hoeller, Chris Beams</p> <p>picocli (<a href="http://picocli.info">http://picocli.info</a>)<br/>Copyright 2017 Remko Popma</p>                                                                                                                                                          |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider                       | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|--------------------------------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| The Apache Software Foundation | Log4J 2.14.1  | <p>Apache License See <a href="#">Appendix E</a></p> <p>-----</p> <p>Apache Log4j<br/>Copyright 1999-2017 Apache Software Foundation<br/>This product includes software developed at<br/>The Apache Software Foundation (<a href="http://www.apache.org/">http://www.apache.org/</a>).</p> <p>ResolverUtil.java<br/>Copyright 2005-2006 Tim Fennell</p> <p>Dumbster SMTP test server<br/>Copyright 2004 Jason Paul Kitchen</p> <p>TypeUtil.java<br/>Copyright 2002-2012 Ramnivas Laddad, Juergen Hoeller, Chris Beams</p> <p>picocli (<a href="http://picocli.info">http://picocli.info</a>)<br/>Copyright 2017 Remko Popma</p> <p>4th party compile dependencies:<br/>=====</p> <p>Apache 2.0 license<br/>org.apache.logging.log4j:log4j-api:jar:2.14.1<br/>org.apache.logging.log4j:log4j-core-java9:zip:2.14.1<br/>org.osgi:org.osgi.core:jar:4.3.1<br/>com.lmax:disruptor:jar:3.4.2<br/>com.conversantmedia:disruptor:jar:1.2.15<br/>org.jctools:jctools-core:jar:1.2.1<br/>com.fasterxml.jackson.core:jackson-core:jar:2.12.2<br/>com.fasterxml.jackson.core:jackson-databind:jar:2.12.2<br/>com.fasterxml.jackson.core:jackson-annotations:jar:2.12.2<br/>com.fasterxml.jackson.dataformat:jackson-dataformat-yaml:jar:2.12.2<br/>org.yaml:snakeyaml:jar:1.27<br/>com.fasterxml.jackson.dataformat:jackson-dataformat-xml:jar:2.12.2<br/>com.fasterxml.jackson.module:jackson-module-jaxb-annotations:jar:2.12.2</p> <p>Eclipse Distribution License - v 1.0<br/>jakarta.xml.bind:jakarta.xml.bind-api:jar:2.3.2<br/>jakarta.activation:jakarta.activation-api:jar:1.2.1</p> <p>BSD License<br/>org.codehaus.woodstox:stax2-api:jar:4.2.1</p> <p>Apache 2.0 License<br/>com.fasterxml.woodstox:woodstox-core:jar:6.2.4<br/>org.fusesource.jansi:jansi:jar:2.3.1</p> <p>COMMON DEVELOPMENT AND DISTRIBUTION LICENSE (CDDL)</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Version 1.1<br/>com.sun.mail:javax.mail:jar:1.6.2<br/>javax.activation:activation:jar:1.1</p> <p>COMMON DEVELOPMENT AND DISTRIBUTION LICENSE (CDDL)<br/>Version 1.1 &amp; GNU GENERAL PUBLIC LICENSE 2.0<br/>org.jboss.spec.javax.jms:jboss-jms-api_1.1_spec:jar:1.0.1.Final</p> <p>Apache 2.0 License<br/>org.apache.kafka:kafka-clients:jar:1.1.1<br/>org.lz4:lz4-java:jar:1.4.1<br/>org.xerial.snappy:snappy-java:jar:1.1.7.1</p> <p>Mozilla Public License v2.0<br/>org.zeromq:jeromq:jar:0.4.3</p> <p>BSD-2-Clause<br/>org.zeromq:jnacl:jar:0.1.0</p> <p>org.apache.commons:commons-compress:jar:1.21<br/>org.apache.commons:commons-csv:jar:1.8</p> <p>MIT License<br/>org.slf4j:slf4j-api:jar:1.7.25</p> <p>=====</p> <p>org.osgi » org.osgi.core: 4.3.1 (Apache 2.0)</p> <p>Copyright 2019 org.osgi</p> <p>Licensed under the Apache License, Version 2.0 (the "License");<br/>you may not use this file except in compliance with the License.<br/>You may obtain a copy of the License at</p> <p><a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Unless required by applicable law or agreed to in writing, software<br/>distributed under the License is distributed on an "AS IS" BASIS,<br/>WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.<br/>See the License for the specific language governing permissions and<br/>limitations under the Li</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s)                    | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| QOS.ch   | Logback 1.4.11<br>Logback 1.4.14 | <p>3rd Party Component Name : Logback-Classic/Logback-Core</p> <p>3rd Party Component Copyright:</p> <p>Logback: the reliable, generic, fast and flexible logging framework.</p> <p>Copyright (C) 1999-2015, QOS.ch. All rights reserved.</p> <p>This program and the accompanying materials are dual-licensed under either the terms of the Eclipse Public License v1.0 as published by the Eclipse Foundation</p> <p>Oracle elects the Eclipse Public License v1.0 3rd Party Component License. Eclipse Public License - v 1.0 - See <a href="#">Appendix J</a></p> <p>SLF4J (MIT)</p> <p>Licensing terms for SLF4J</p> <p>SLF4J source code and binaries are distributed under the MIT license.</p> <p>Copyright (c) 2004-2017 QOS.ch</p> <p>All rights reserved.</p> <p>See <a href="#">Appendix G</a></p> <p>=====</p> <p>=====</p> <p>Janino (BSD), optional</p> <p>Janino - An embedded Java[™] compiler</p> <p>Copyright (c) 2001-2016, Arno Unkrig</p> <p>Copyright (c) 2015-2016 TIBCO Software Inc.</p> <p>All rights reserved.</p> <p>See <a href="#">Appendix M</a></p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider         | Component (s)                | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|------------------|------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Dmitry Andrianov | logstash-logback-encoder 6.4 | <p>logstash-logback-encoder v6.3</p> <p>COPYRIGHT: (C) Dmitry Andrianov and individual contributors</p> <p>LICENSE: Apache 2.0</p> <p>APACHE 2.0 - See <a href="#">Appendix E</a></p> <p>=====</p> <p>4P Dependencies: com.fasterxml.jackson.core » jackson-databind 2.9.6 (upgrade to 2.9.8)</p> <p>COPYRIGHT: It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007.</p> <p>LICENSE: Apache 2.0</p> <p>This copy of Jackson JSON processor databind module is licensed under the Apache (Software) License, version 2.0 ("the License").</p> <p>See the License for details about distribution rights, and the specific rights regarding derivate works.</p> <p>You may obtain a copy of the License at: <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>+++++4th party dependencies +++++</p> <p>jackson-databind, v2.10.1, Apache 2.0</p> <p>Copyright (c) 2019 Tatu Saloranta &lt;tatu.saloranta@iki.fi&gt;</p> <p>+++++</p> <p>logback-core, v1.2.3,</p> <p>* Logback: the reliable, generic, fast and flexible logging framework.</p> <p>* Copyright (C) 1999-2015, QOS.ch. All rights reserved.</p> <p>*</p> <p>* This program and the accompanying materials are dual-licensed under</p> <p>* either the terms of the Eclipse Public License v1.0 as published by</p> <p>* the Eclipse Foundation</p> <p>*</p> <p>* or (per the licensee's choosing)</p> <p>*</p> <p>* under the terms of the GNU Lesser General Public License version 2.1</p> <p>* as published by the Free Software Foundation.</p> |
| Project Lombok   | Lombok 1.18.12               | <p>Copyright (C) 2009-2015 The Project Lombok Authors.</p> <p>MIT License See <a href="#">Appendix G</a></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Project Lombok   | Lombok 1.18.20               | <p>Copyright (C) 2009-2020 The Project Lombok Authors.</p> <p>MIT License See <a href="#">Appendix G</a></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider       | Component (s)                    | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------------|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Project Lombok | Lombok 1.18.22<br>Lombok 1.18.28 | <pre> ===== COPYRIGHT NOTICE =====  Copyright (C) 2009-2021 The Project Lombok Authors.  MIT License See <a href="#">Appendix G</a>  ===== ===== Licenses for included components:  org.ow2.asm:asm org.ow2.asm:asm-analysis org.ow2.asm:asm-commons org.ow2.asm:asm-tree org.ow2.asm:asm-util ASM: a very small and fast Java bytecode manipulation framework Copyright (c) 2000-2011 INRIA, France Telecom All rights reserved.  See <a href="#">Appendix M</a>  ----- ----- rzwitsersloot/com.zwitsersloot.cmdreader  Copyright © 2010 Reinier Zwitsersloot.  MIT License See <a href="#">Appendix G</a>  ----- ----- projectlombok/lombok.patcher  Copyright (C) 2009-2021 The Project Lombok Authors.  MIT License See <a href="#">Appendix G</a>  ----- ----- ===== COPYRIGHT NOTICE END ===== </pre> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider                    | Component (s)    | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-----------------------------|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Matplotlib Development Team | matplotlib 3.4.3 | <p>License agreement for matplotlib versions 1.3.0 and later</p> <p>=====</p> <p>=====</p> <p>1. This LICENSE AGREEMENT is between the Matplotlib Development Team ("MDT"), and the Individual or Organization ("Licensee") accessing and otherwise using matplotlib software in source or binary form and its associated documentation.</p> <p>2. Subject to the terms and conditions of this License Agreement, MDT hereby grants Licensee a nonexclusive, royalty-free, world-wide license to reproduce, analyze, test, perform and/or display publicly, prepare derivative works, distribute, and otherwise use matplotlib alone or in any derivative version, provided, however, that MDT's License Agreement and MDT's notice of copyright, i.e., "Copyright (c) 2012- Matplotlib Development Team; All Rights Reserved" are retained in matplotlib alone or in any derivative version prepared by Licensee.</p> <p>3. In the event Licensee prepares a derivative work that is based on or incorporates matplotlib or any part thereof, and wants to make the derivative work available to others as provided herein, then Licensee hereby agrees to include in any such work a brief summary of the changes made to matplotlib .</p> <p>4. MDT is making matplotlib available to Licensee on an "AS IS" basis. MDT MAKES NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED. BY WAY OF EXAMPLE, BUT NOT LIMITATION, MDT MAKES NO AND DISCLAIMS ANY REPRESENTATION OR WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE OR THAT THE USE OF MATPLOTLIB WILL NOT INFRINGE ANY THIRD PARTY RIGHTS.</p> <p>5. MDT SHALL NOT BE LIABLE TO LICENSEE OR ANY OTHER USERS OF MATPLOTLIB FOR ANY INCIDENTAL, SPECIAL, OR CONSEQUENTIAL DAMAGES OR LOSS AS A RESULT OF MODIFYING, DISTRIBUTING, OR OTHERWISE USING MATPLOTLIB , OR ANY DERIVATIVE THEREOF, EVEN IF</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>ADVISED OF<br/>THE POSSIBILITY THEREOF.</p> <p>6. This License Agreement will automatically terminate upon a material breach of its terms and conditions.</p> <p>7. Nothing in this License Agreement shall be deemed to create any relationship of agency, partnership, or joint venture between MDT and Licensee. This License Agreement does not grant permission to use MDT trademarks or trade name in a trademark sense to endorse or promote products or services of Licensee, or any third party.</p> <p>8. By copying, installing or otherwise using matplotlib , Licensee agrees to be bound by the terms and conditions of this License Agreement.</p> <p>+++++++4th party dependencies+++++++</p> <p>Dependency: Cyclar:0.10.0, License: BSD 3-Clause "New"</p> <p>Copyright (c) 2015, matplotlib project<br/>All rights reserved.</p> <p>See <a href="#">Appendix M</a></p> <p>+++++++</p> <p>Dependency: Kiwisolver:1.3.2, License: BSD<br/>Copyright (c) 2013, Nucleic Development Team<br/>All rights reserved.</p> <p>See <a href="#">Appendix M</a></p> <p>+++++++</p> <p>Dependency: Numpy:1.21.2 , License: BSD<br/>Copyright (c) 2005-2021, NumPy Developers.<br/>All rights reserved.</p> <p>See <a href="#">Appendix M</a></p> <p>+++++++</p> <p>Dependency: Pyparsing:2.4.7 , License: MIT license<br/>Copyright (c) 2003-2021 Paul T. McGuire</p> <p>MIT License See <a href="#">Appendix G</a></p> <p>+++++++</p> <p>Dependency: Six:1.16.0 , License: MIT license<br/>Copyright (c) 2010-2021 Benjamin Peterson</p> <p>MIT License See <a href="#">Appendix G</a></p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <pre> +++++ Dependency: Pillow:8.4.0, License:Historical Permission Notice and Disclaimer Pillow is the friendly PIL fork. It is     Copyright © 2010-2021 by Alex Clark and     contributors Like PIL, Pillow is licensed under the open source HPND License: By obtaining, using, and/or copying this software and/or its associated documentation, you agree that you have read, understood, and will comply with the following terms and conditions: Permission to use, copy, modify, and distribute this software and its associated documentation for any purpose and without fee is hereby granted, provided that the above copyright notice appears in all copies, and that both that copyright notice and this permission notice appear in supporting documentation, and that the name of Secret Labs AB or the author not be used in advertising or publicity pertaining to distribution of the software without specific, written prior permission. SECRET LABS AB AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE, INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL SECRET LABS AB OR THE AUTHOR BE LIABLE FOR ANY SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE. +++++ Dependency: python-dateutil:2.8.2, License: Apache Software License, BSD License Copyright 2017- Paul Ganssle Copyright 2017- dateutil contributors (see AUTHORS file)     Licensed under the Apache License, Version 2.0     (the "License");     you may not use this file except in compliance     with the License.     You may obtain a copy of the License at         http://www.apache.org/licenses/LICENSE-2.0     Unless required by applicable law or agreed to     in writing, software     distributed under the License is distributed on </pre> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>an "AS IS" BASIS,<br/>WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND,<br/>either express or implied.<br/>See the License for the specific language<br/>governing permissions and<br/>limitations under the License.<br/>The above license applies to all contributions<br/>after 2017-12-01, as well as<br/>all contributions that have been re-licensed (see<br/>AUTHORS file for the list of<br/>contributors who have re-licensed their code).<br/>-----<br/>-----<br/>dateutil - Extensions to the standard Python<br/>datetime module.<br/>Copyright (c) 2003-2011 - Gustavo Niemeyer<br/>Copyright (c) 2012-2014 - Tomi Pieviläinen<br/>Copyright (c) 2014-2016 - Yaron de Leeuw<br/>Copyright (c) 2015- - Paul Ganssle<br/>Copyright (c) 2015- - dateutil contributors<br/>(see AUTHORS file)<br/>All rights reserved.</p> <p><a href="#">See Appendix M</a></p> <p>The above BSD License Applies to all code, even<br/>that also covered by Apache 2.0.<br/>+++++<br/><a href="https://matplotlib.org/stable/users/license.html">https://matplotlib.org/stable/users/license.html</a><br/>License<br/>Matplotlib only uses BSD compatible code, and its<br/>license is based on the PSF license. See the Open<br/>Source Initiative licenses page for details on<br/>individual licenses. Non-BSD compatible licenses<br/>(e.g., LGPL) are acceptable in matplotlib<br/>toolkits. For a discussion of the motivations<br/>behind the licencing choice, see Licenses.<br/>Copyright Policy<br/>John Hunter began matplotlib around 2003. Since<br/>shortly before his passing in 2012, Michael<br/>Droettboom has been the lead maintainer of<br/>matplotlib, but, as has always been the case,<br/>matplotlib is the work of many.<br/>Prior to July of 2013, and the 1.3.0 release, the<br/>copyright of the source code was held by John<br/>Hunter. As of July 2013, and the 1.3.0 release,<br/>matplotlib has moved to a shared copyright model.<br/>matplotlib uses a shared copyright model. Each<br/>contributor maintains copyright over their<br/>contributions to matplotlib. But, it is important<br/>to note that these contributions are typically<br/>only changes to the repositories. Thus, the<br/>matplotlib source code, in its entirety, is not<br/>the copyright of any single person or institution.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Instead, it is the collective copyright of the entire matplotlib Development Team. If individual contributors want to maintain a record of what changes/contributions they have specific copyright on, they should indicate their copyright in the commit message of the change, when they commit the change to one of the matplotlib repositories. The Matplotlib Development Team is the set of all contributors to the matplotlib project. A full list can be obtained from the git version control logs.</p> <p>License agreement for matplotlib 3.4.3</p> <ol style="list-style-type: none"> <li>1. This LICENSE AGREEMENT is between the Matplotlib Development Team ("MDT"), and the Individual or Organization ("Licensee") accessing and otherwise using matplotlib software in source or binary form and its associated documentation.</li> <li>2. Subject to the terms and conditions of this License Agreement, MDT hereby grants Licensee a nonexclusive, royalty-free, world-wide license to reproduce, analyze, test, perform and/or display publicly, prepare derivative works, distribute, and otherwise use matplotlib 3.4.3 alone or in any derivative version, provided, however, that MDT's License Agreement and MDT's notice of copyright, i.e., "Copyright (c) 2012-2013 Matplotlib Development Team; All Rights Reserved" are retained in matplotlib 3.4.3 alone or in any derivative version prepared by Licensee.</li> <li>3. In the event Licensee prepares a derivative work that is based on or incorporates matplotlib 3.4.3 or any part thereof, and wants to make the derivative work available to others as provided herein, then Licensee hereby agrees to include in any such work a brief summary of the changes made to matplotlib 3.4.3.</li> <li>4. MDT is making matplotlib 3.4.3 available to Licensee on an "AS IS" basis. MDT MAKES NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED. BY WAY OF EXAMPLE, BUT NOT LIMITATION, MDT MAKES NO AND DISCLAIMS ANY REPRESENTATION OR WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE OR THAT THE USE OF MATPLOTLIB 3.4.3 WILL NOT INFRINGE ANY THIRD PARTY RIGHTS.</li> <li>5. MDT SHALL NOT BE LIABLE TO LICENSEE OR ANY OTHER USERS OF MATPLOTLIB 3.4.3 FOR ANY INCIDENTAL, SPECIAL, OR CONSEQUENTIAL DAMAGES OR LOSS AS A RESULT OF MODIFYING, DISTRIBUTING, OR OTHERWISE USING MATPLOTLIB 3.4.3, OR ANY DERIVATIVE THEREOF, EVEN IF ADVISED OF THE POSSIBILITY THEREOF.</li> <li>6. This License Agreement will automatically terminate upon a material breach of its terms and conditions.</li> <li>7. Nothing in this License Agreement shall be</li> </ol> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>deemed to create any relationship of agency, partnership, or joint venture between MDT and Licensee. This License Agreement does not grant permission to use MDT trademarks or trade name in a trademark sense to endorse or promote products or services of Licensee, or any third party.</p> <p>8. By copying, installing or otherwise using matplotlib 3.4.3, Licensee agrees to be bound by the terms and conditions of this License Agreement. License agreement for matplotlib versions prior to 1.3.0</p> <p>1. This LICENSE AGREEMENT is between John D. Hunter ("JDH"), and the Individual or Organization ("Licensee") accessing and otherwise using matplotlib software in source or binary form and its associated documentation.</p> <p>2. Subject to the terms and conditions of this License Agreement, JDH hereby grants Licensee a nonexclusive, royalty-free, world-wide license to reproduce, analyze, test, perform and/or display publicly, prepare derivative works, distribute, and otherwise use matplotlib 3.4.3 alone or in any derivative version, provided, however, that JDH's License Agreement and JDH's notice of copyright, i.e., "Copyright (c) 2002-2009 John D. Hunter; All Rights Reserved" are retained in matplotlib 3.4.3 alone or in any derivative version prepared by Licensee.</p> <p>3. In the event Licensee prepares a derivative work that is based on or incorporates matplotlib 3.4.3 or any part thereof, and wants to make the derivative work available to others as provided herein, then Licensee hereby agrees to include in any such work a brief summary of the changes made to matplotlib 3.4.3.</p> <p>4. JDH is making matplotlib 3.4.3 available to Licensee on an "AS IS" basis. JDH MAKES NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED. BY WAY OF EXAMPLE, BUT NOT LIMITATION, JDH MAKES NO AND DISCLAIMS ANY REPRESENTATION OR WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE OR THAT THE USE OF MATPLOTLIB 3.4.3 WILL NOT INFRINGE ANY THIRD PARTY RIGHTS.</p> <p>5. JDH SHALL NOT BE LIABLE TO LICENSEE OR ANY OTHER USERS OF MATPLOTLIB 3.4.3 FOR ANY INCIDENTAL, SPECIAL, OR CONSEQUENTIAL DAMAGES OR LOSS AS A RESULT OF MODIFYING, DISTRIBUTING, OR OTHERWISE USING MATPLOTLIB 3.4.3, OR ANY DERIVATIVE THEREOF, EVEN IF ADVISED OF THE POSSIBILITY THEREOF.</p> <p>6. This License Agreement will automatically terminate upon a material breach of its terms and conditions.</p> <p>7. Nothing in this License Agreement shall be deemed to create any relationship of agency,</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider        | Component (s)                                                                                                                                            | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                 |                                                                                                                                                          | <p>partnership, or joint venture between JDH and Licensee. This License Agreement does not grant permission to use JDH trademarks or trade name in a trademark sense to endorse or promote products or services of Licensee, or any third party.</p> <p>8. By copying, installing or otherwise using matplotlib 3.4.3, Licensee agrees to be bound by the terms and conditions of this License Agreement.</p>                                                                                                                                                                                |
| CloudBees, Inc. | <p>Matrix Authorization Strategy Plug-in 3.1.8</p> <p>Matrix Authorization Strategy Plug-in 3.1.5</p> <p>Matrix Authorization Strategy Plug-in 3.2.1</p> | <p>matrix-auth-plugin,2.6.8 (Matrix Authorization Strategy)</p> <p>The MIT License (MIT)</p> <p>Copyright 2013 CloudBees<br/>Copyright 2017 Daniel Beck<br/>Copyright (c) 2004-2010, Sun Microsystems, Inc., Kohsuke Kawaguchi, Yahoo! Inc., Peter Hayes, Tom Huybrechts<br/>Copyright (c) 2004-2017 Sun Microsystems, Inc., Kohsuke Kawaguchi, Yahoo! Inc., Peter Hayes, Tom Huybrechts, Daniel Beck<br/>Copyright (c) 2018 Configuration as Code Plugin Developers</p> <p>Begin license text.<br/>Copyright</p> <p>MIT License See <a href="#">Appendix G</a></p> <p>End license text.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider        | Component (s)                               | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-----------------|---------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CloudBees, Inc. | Matrix Authorization Strategy Plug-in 3.1.2 | <p>matrix-auth-plugin,2.6.8 (Matrix Authorization Strategy)</p> <p>The MIT License (MIT)</p> <p>Copyright 2013 CloudBees<br/>Copyright 2017 Daniel Beck<br/>Copyright (c) 2004-2010, Sun Microsystems, Inc., Kohsuke Kawaguchi, Yahoo! Inc., Peter Hayes, Tom Huybrechts<br/>Copyright (c) 2004-2017 Sun Microsystems, Inc., Kohsuke Kawaguchi, Yahoo! Inc., Peter Hayes, Tom Huybrechts, Daniel Beck<br/>Copyright (c) 2018 Configuration as Code Plugin Developers</p> <p>Begin license text.<br/>Copyright</p> <p>MIT License See <a href="#">Appendix G</a></p> <p>End license text.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider                    | Component (s)    | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-----------------------------|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Matplotlib Development Team | matplotlib 3.2.2 | <p>Copyright (c) 2012- Matplotlib Development Team; All Rights Reserved</p> <p>License agreement for matplotlib versions 1.3.0 and later</p> <p>=====</p> <p>=====</p> <p>1. This LICENSE AGREEMENT is between the Matplotlib Development Team ("MDT"), and the Individual or Organization ("Licensee") accessing and otherwise using matplotlib software in source or binary form and its associated documentation.</p> <p>2. Subject to the terms and conditions of this License Agreement, MDT hereby grants Licensee a nonexclusive, royalty-free, world-wide license to reproduce, analyze, test, perform and/or display publicly, prepare derivative works, distribute, and otherwise use matplotlib alone or in any derivative version, provided, however, that MDT's License Agreement and MDT's notice of copyright, i.e., "Copyright (c) 2012- Matplotlib Development Team; All Rights Reserved" are retained in matplotlib alone or in any derivative version prepared by Licensee.</p> <p>3. In the event Licensee prepares a derivative work that is based on or incorporates matplotlib or any part thereof, and wants to make the derivative work available to others as provided herein, then Licensee hereby agrees to include in any such work a brief summary of the changes made to matplotlib .</p> <p>4. MDT is making matplotlib available to Licensee on an "AS IS" basis. MDT MAKES NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED. BY WAY OF EXAMPLE, BUT NOT LIMITATION, MDT MAKES NO AND DISCLAIMS ANY REPRESENTATION OR WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE OR THAT THE USE OF MATPLOTLIB WILL NOT INFRINGE ANY THIRD PARTY RIGHTS.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>5. MDT SHALL NOT BE LIABLE TO LICENSEE OR ANY OTHER USERS OF MATPLOTLIB FOR ANY INCIDENTAL, SPECIAL, OR CONSEQUENTIAL DAMAGES OR LOSS AS A RESULT OF MODIFYING, DISTRIBUTING, OR OTHERWISE USING MATPLOTLIB , OR ANY DERIVATIVE THEREOF, EVEN IF ADVISED OF THE POSSIBILITY THEREOF.</p> <p>6. This License Agreement will automatically terminate upon a material breach of its terms and conditions.</p> <p>7. Nothing in this License Agreement shall be deemed to create any relationship of agency, partnership, or joint venture between MDT and Licensee. This License Agreement does not grant permission to use MDT trademarks or trade name in a trademark sense to endorse or promote products or services of Licensee, or any third party.</p> <p>8. By copying, installing or otherwise using matplotlib , Licensee agrees to be bound by the terms and conditions of this License Agreement.</p> <p>+++++4th party dependencies+++++</p> <p>Dependency: Cyclr:0.10.0, License: BSD 3-Clause "New"</p> <p>Copyright (c) 2015, matplotlib project<br/>All rights reserved.</p> <p><a href="#">See Appendix M</a></p> <p>+++++</p> <p>Dependency: Kiwisolver:1.1.0, License: BSD<br/>Copyright (c) 2013, Nucleic Development Team</p> <p>All rights reserved.</p> <p><a href="#">See Appendix M</a></p> <p>+++++</p> <p>Dependency: Numpy:1.18.1 , License: BSD<br/>Copyright (c) 2005-2019, NumPy Developers.<br/>All rights reserved.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>See <a href="#">Appendix M</a></p> <p>+++++</p> <p>pillow, v7.1.2,<br/>The Python Imaging Library (PIL) is</p> <p>Copyright © 1997-2011 by Secret Labs AB<br/>Copyright © 1995-2011 by Fredrik Lundh</p> <p>Pillow is the friendly PIL fork. It is</p> <p>Copyright © 2010-2020 by Alex Clark and contributors</p> <p>Like PIL, Pillow is licensed under the open source PIL Software License:</p> <p>By obtaining, using, and/or copying this software and/or its associated documentation, you agree that you have read, understood, and will comply with the following terms and conditions:</p> <p>Permission to use, copy, modify, and distribute this software and its associated documentation for any purpose and without fee is hereby granted, provided that the above copyright notice appears in all copies, and that both that copyright notice and this permission notice appear in supporting documentation, and that the name of Secret Labs AB or the author not be used in advertising or publicity pertaining to distribution of the software without specific, written prior permission.</p> <p>SECRET LABS AB AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE, INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL SECRET LABS AB OR THE AUTHOR BE LIABLE FOR ANY SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.</p> <p>+++++</p> <p>Dependency: Pyparsing:2.4.6 , License: MIT license<br/>Copyright (c) 2003-2019 Paul T. McGuire</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider              | Component (s)                               | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-----------------------|---------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                       |                                             | <p>MIT License See <a href="#">Appendix G</a></p> <p>+++++</p> <p>Dependency: Python-dateutil:2.6.1 , License: Simplified BSD</p> <p>Copyright (c) 2003-2011 - Gustavo Niemeyer</p> <p>Copyright (c) 2012-2014 - Tomi Pieviläinen</p> <p>Copyright (c) 2014-2016 - Yaron de Leeuw</p> <p>Copyright (c) 2015- - Paul Ganssle</p> <p>All rights reserved.</p> <p>See <a href="#">Appendix M</a></p>                                                                                                                                                                                                           |
| CloudBees, Inc.       | Matrix Authorization Strategy Plug-in 2.6.8 | <p>matrix-auth-plugin,2.6.8 (Matrix Authorization Strategy)</p> <p>The MIT License (MIT)</p> <p>Copyright 2013 CloudBees</p> <p>Copyright 2017 Daniel Beck</p> <p>Copyright (c) 2004-2010, Sun Microsystems, Inc., Kohsuke Kawaguchi, Yahoo! Inc., Peter Hayes, Tom Huybrechts</p> <p>Copyright (c) 2004-2017 Sun Microsystems, Inc., Kohsuke Kawaguchi, Yahoo! Inc., Peter Hayes, Tom Huybrechts, Daniel Beck</p> <p>Copyright (c) 2018 Configuration as Code Plugin Developers</p> <p>Begin license text.</p> <p>Copyright</p> <p>MIT License See <a href="#">Appendix G</a></p> <p>End license text.</p> |
| Pivotal Software, Inc | Micrometer 1.0.5 Micrometer 1.1.4           | APACHE 2.0 - See <a href="#">Appendix E</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Pivotal Software, Inc | Micrometer 1.5.1                            | APACHE 2.0 - See <a href="#">Appendix E</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Pivotal Software, Inc | Micrometer 1.5.2                            | APACHE 2.0 - See <a href="#">Appendix E</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s)                                                                  | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------|--------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| VMware   | micrometer-registry-prometheus 1.11.0<br>micrometer-registry-prometheus 1.11.5 | <p>Micrometer Registry Prometheus</p> <p>Copyright (c) 2017-Present VMware, Inc. All Rights Reserved.</p> <p>Licensed under the Apache License, Version 2.0 (the "License");<br/>you may not use this file except in compliance with the License.<br/>You may obtain a copy of the License at</p> <p><a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Unless required by applicable law or agreed to in writing, software<br/>distributed under the License is distributed on an "AS IS" BASIS,<br/>WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.<br/>See the License for the specific language governing permissions and<br/>limitations under the License.</p> <p>-----</p> <p>This product contains a modified portion of<br/>'io.netty.util.internal.logging',<br/>in the Netty/Common library distributed by The Netty Project:</p> <p>* Copyright 2013 The Netty Project<br/>* License: Apache License v2.0<br/>* Homepage: <a href="https://netty.io">https://netty.io</a></p> <p>This product contains a modified portion of<br/>'StringUtil.isBlank()',<br/>in the Commons Lang library distributed by The Apache Software Foundation:</p> <p>* Copyright 2001-2019 The Apache Software Foundation<br/>* License: Apache License v2.0<br/>* Homepage: <a href="https://commons.apache.org/proper/commons-lang/">https://commons.apache.org/proper/commons-lang/</a></p> <p>This product contains a modified portion of<br/>'JsonUtf8Writer',<br/>in the Moshi library distributed by Square, Inc:</p> <p>* Copyright 2010 Google Inc.<br/>* License: Apache License v2.0<br/>* Homepage: <a href="https://github.com/square/moshi">https://github.com/square/moshi</a></p> <p>This product contains a modified portion of the<br/>'org.springframework.lang'<br/>package in the Spring Framework library,</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>distributed by VMware, Inc:</p> <ul style="list-style-type: none"> <li>* Copyright 2002-2019 the original author or authors.</li> <li>* License: Apache License v2.0</li> <li>* Homepage: <a href="https://spring.io/projects/spring-framework">https://spring.io/projects/spring-framework</a></li> </ul> <p>APACHE 2.0 - See <a href="#">Appendix E</a></p> <p>-----</p> <p>Fourth Party Runtime Dependencies</p> <p>-----</p> <p>"micrometer-core" (io.micrometer:micrometer-core)<br/>Copyright 2002-2019 the original author or authors.<br/>Copyright 2010 Google Inc. The comments and initialization of {@code REPLACEMENT_CHARS} came Copyright 2017,2020 Pivotal Software, Inc. Copyright (c) 2004-2011 QOS.ch Copyright 2012,2017 The Netty Project Copyright 2017,2021 VMware, Inc. Apache License, Version 2.0</p> <p>-----</p> <p>"HdrHistogram" (org.hdrhistogram:HdrHistogram) The code in this repository code was Written by Gil Tene, Michael Barker, and Matt Warren, and released to the public domain, as explained at <a href="http://creativecommons.org/publicdomain/zero/1.0/">http://creativecommons.org/publicdomain/zero/1.0/</a> For users of this code who wish to consume it under the "BSD" license rather than under the public domain or CC0 contribution text mentioned above, the code found under this directory is <i>also</i> provided under the following license (commonly referred to as the BSD 2-Clause License). This license does not detract from the above stated release of the code into the public domain, and simply represents an additional license granted by the Author. ** Beginning of "BSD 2-Clause License" text. ** Copyright (c) 2012, 2013, 2014, 2015, 2016 Gil Tene Copyright (c) 2014 Michael Barker Copyright (c) 2014 Matt Warren All rights reserved.</p> <p>See <a href="#">Appendix M</a></p> <p>----- "LatencyUtils"</p> <p>(org.latencyutils:LatencyUtils) * This code was Written by Gil Tene of Azul Systems, and released to the * public domain, as explained at <a href="http://creativecommons.org/publicdomain/zero/1.0/">http://creativecommons.org/publicdomain/zero/1.0/</a> For users of this code who wish to consume it under the "BSD" license rather than under the public domain or CC0 contribution text mentioned above, the code found under this directory is <i>also</i> provided under the following license (commonly referred to as the BSD 2-Clause License). This license does not detract from the above stated release of the code into the public domain, and simply represents an additional license granted by the Author. ** Beginning of "BSD 2-Clause License" text. ** Copyright (c) 2012, 2013, 2014 Gil Tene All rights reserved.</p> <p>See <a href="#">Appendix M</a></p> <p>----- "Prometheus Java Simpleclient Common"</p> <p>(io.prometheus:simpleclient_common) "Prometheus Java</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | Simpleclient" (io.prometheus:simpleclient) Prometheus instrumentation library for JVM applications Copyright 2012-2015 The Prometheus Authors Copyright 2012 Andrew Wang (andrew@umbrant.com) This product includes software developed at Boxever Ltd. (http://www.boxever.com/). This product includes software developed at SoundCloud Ltd. (http://soundcloud.com/). This product includes software developed as part of the Ocelli project by Netflix Inc. (https://github.com/Netflix/ocelli). Apache License 2.0 ----- |
| Tim Wood | Moment 2.29.1 | URL for License and Copyright Notice - https://github.com/moment/moment/blob/2.29.1/LICENSE<br><br>Copyright (c) JS Foundation and other contributors<br><br>MIT License See <a href="#">Appendix G</a>                                                                                                                                                                                                                                                                                                                      |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider                   | Component (s)                     | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------------------------|-----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| original author or authors | MyBatis Spring Boot Starter 2.1.3 | <p>Copyright 2015-2018 the original author or authors.<br/>Licensed under the Apache License, Version 2.0 (the "License");<br/>you may not use this file except in compliance with the License.<br/>You may obtain a copy of the License at<br/><a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a><br/>Unless required by applicable law or agreed to in writing, software<br/>distributed under the License is distributed on an "AS IS" BASIS,<br/>WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND,<br/>either express or implied.<br/>See the License for the specific language governing permissions and<br/>limitations under the License.<br/>Apache License - See <a href="#">Appendix E</a></p> <hr/> <p>4th Party Dependencies: spring-boot, v1.5.10.RELEASE:<br/>Apache 2.0 mybatis.spring.boot, v1.3.2<br/>Apache 2.0 mybatis, v3.4.6 :<br/>Apache 2.0 mybatis-spring: v1.3.2<br/>Apache 2.0 MyBatis Spring Copyright 2010-2013<br/>This product includes software developed by<br/>The MyBatis Team (<a href="http://www.mybatis.org/">http://www.mybatis.org/</a>). iBATIS<br/>This product includes software developed by<br/>The Apache Software Foundation (<a href="http://www.apache.org/">http://www.apache.org/</a>).<br/>Copyright 2010<br/>The Apache Software Foundation Licensed under the<br/>Apache License,<br/>Version 2.0 (the "License");<br/>you may not use this file except in compliance with the License.<br/>You may obtain a copy of the License at<br/><a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a><br/>Unless required by applicable law or agreed to in writing, software<br/>distributed under the License is distributed on an<br/>"AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF<br/>ANY KIND, either express or implied.<br/>See the License for the specific language governing<br/>permissions and<br/>limitations under the License.<br/>Spring Framework All Spring projects are licensed under the<br/>terms of the</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Apache License, Version 2.0 Copyright 2002-2010 the original author or authors Licensed under the Apache License, Version 2.0 (the "License");</p> <p>you may not use this file except in compliance with the License.</p> <p>You may obtain a copy of the License at <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS,</p> <p>WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider             | Component (s)                  | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------------------|--------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Donald Becker, et al | net-tools 2.0-0.52.20160912git | <p>GNU General Public License, Version 2 (GPL-2.0) - See <a href="#">Appendix A</a></p> <p>Copyright (C) 19yy This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version. This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details. You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 675 Mass Ave, Cambridge, MA 02139, USA. Also add information on how to contact you by electronic and paper mail. If the program is interactive, make it output a short notice like this when it starts in an interactive mode: Gnomovision version 69, Copyright (C) 19yy name of author Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'. This is free software, and you are welcome to redistribute it under certain conditions; type `show c' for details. The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program. You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names: Yoyodyne, Inc., hereby disclaims all copyright interest in the program `Gnomovision' (which makes passes at compilers) written by James Hacker. , 1 April 1989 Ty Coon, President of Vice This General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Library General Public License instead of this License.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider    | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-------------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Igor Sysoev | Nginx 1.14.2  | <p>* Copyright (C) 2002-2016 Igor Sysoev * Copyright (C) 2011-2016 Nginx, Inc. * All rights reserved. *<br/>See <a href="#">Appendix M</a></p> <p>Below is the 4th party dependency license info.<br/>***** OpenSSL Library *****</p> <p>Copyright (c) 1998-2018 The OpenSSL Project Copyright (c) 1995-1998 Eric A. Young, Tim J. Hudson All rights reserved.<br/>DESCRIPTION The OpenSSL Project is a collaborative effort to develop a robust, commercial-grade, fully featured, and Open Source toolkit implementing the Transport Layer Security (TLS) protocols (including SSLv3) as well as a full-strength general purpose cryptographic library. OpenSSL is descended from the SSLeay library developed by Eric A. Young and Tim J. Hudson. The OpenSSL toolkit is licensed under a dual-license (the OpenSSL license plus the SSLeay license), which means that you are free to get and use it for commercial and non-commercial purposes as long as you fulfill the conditions of both licenses. LICENSE ISSUES<br/>=====</p> <p>The OpenSSL toolkit stays under a double license, i.e. both the conditions of the OpenSSL License and the original SSLeay license apply to the toolkit. See below for the actual license texts. OpenSSL License<br/>-----</p> <p>* Copyright (c) 1998-2018 The OpenSSL Project. All rights reserved. * *<br/>See <a href="#">Appendix M</a></p> <p>* * This product includes cryptographic software written by Eric Young (eay@cryptsoft.com). This product includes software written by Tim Hudson (tjh@cryptsoft.com). *<br/>Original SSLeay License<br/>-----</p> <p>/* Copyright (C) 1995-1998 Eric Young (eay@cryptsoft.com)<br/>* All rights reserved. * * This package is an SSL implementation written by Eric Young (eay@cryptsoft.com). The implementation was written so as to conform with Netscapes SSL. * * This library is free for commercial and non-commercial use as long as the following conditions are aheared to. The following conditions apply to all code found in this distribution, be it the RC4, RSA, lhash, DES, etc., code; not just the SSL code. The SSL documentation included with this distribution is covered by the same copyright terms except that the holder is Tim Hudson (tjh@cryptsoft.com). * * Copyright remains Eric Young's, and as such any Copyright notices in the code are not to be removed. If this package is used in a product, Eric Young should be given attribution as the author of the parts of the library used. This can be in the form of a textual message at program startup or in documentation (online or textual) provided with the package. * *</p> <p>See <a href="#">Appendix M</a></p> <p>* * The licence and distribution terms for any publically available version or derivative of this code cannot be changed. i.e. this code cannot simply be copied and put</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>under another distribution licence [including the GNU Public Licence.] */ PCRE2 LICENCE ----- PCRE2 is a library of functions to support regular expressions whose syntax and semantics are as close as possible to those of the Perl 5 language. Release 10 of PCRE2 is distributed under the terms of the "BSD" licence, as specified below, with one exemption for certain binary redistributions. The documentation for PCRE2, supplied in the "doc" directory, is distributed under the same terms as the software itself. The data in the testdata directory is not copyrighted and is in the public domain. The basic library functions are written in C and are freestanding. Also included in the distribution is a just-in-time compiler that can be used to optimize pattern matching. This is an optional feature that can be omitted when the library is built. THE BASIC LIBRARY FUNCTIONS -----</p> <p>Written by: Philip Hazel Email local part: ph10 Email domain: cam.ac.uk University of Cambridge Computing Service, Cambridge, England. Copyright (c) 1997-2018 University of Cambridge All rights reserved. PCRE2 JUST-IN-TIME COMPILATION SUPPORT -----</p> <p>Written by: Zoltan Herczeg Email local part: hzmester Email domain: freemail.hu Copyright(c) 2010-2018 Zoltan Herczeg All rights reserved. STACK-LESS JUST-IN-TIME COMPILER -----</p> <p>Written by: Zoltan Herczeg Email local part: hzmester Email domain: freemail.hu Copyright(c) 2009-2018 Zoltan Herczeg All rights reserved. THE "BSD" LICENCE -----</p> <p>See <a href="#">Appendix M</a></p> <p>-----</p> <p>The second condition in the BSD licence (covering binary redistributions) does not apply all the way down a chain of software. If binary package A includes PCRE2, it must respect the condition, but if package B is software that includes package A, the condition is not imposed on package B unless it uses PCRE2 independently. End</p> <p>*****ZLIB *****</p> <p>Copyright (C) 1995-2017 Jean-loup Gailly and Mark Adler<br/>Zlib License - See <a href="#">Appendix H</a></p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider   | Component (s)       | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|------------|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| connect2id | Nimbus JOSE+JWT 8.8 | <p>From file COPYRIGHT.txt: Nimbus JOSE + JWT Copyright 2012 - 2020, Connect2id Ltd. Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a> Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.</p> <p>Licensed under the Apache License, Version 2.0 (the "License") APACHE 2.0 - See <a href="#">Appendix E</a></p> <p>4th party dependencies, all licensed under Apache 2.0 json-smart 2.3 - licensed under Apache 2.0 /* * Copyright 2011 JSON-SMART authors * * Licensed under the Apache License, Version 2.0 (the "License"); * you may not use this file except in compliance with the License. * You may obtain a copy of the License at * * <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a> * * Unless required by applicable law or agreed to in writing, software * distributed under the License is distributed on an "AS IS" BASIS, * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. * See the License for the specific language governing permissions and * limitations under the License. */</p> <p>accessors-smart 1.2 - licensed under Apache 2.0 /* * Copyright 2011 JSON-SMART authors * * Licensed under the Apache License, Version 2.0 (the "License"); * you may not use this file except in compliance with the License. * You may obtain a copy of the License at * * <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a> * * Unless required by applicable law or agreed to in writing, software * distributed under the License is distributed on an "AS IS" BASIS, * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. * See the License for the specific language governing permissions and * limitations under the License. */</p> <p>jcip-annotations 1.0-1 - licensed under Apache 2.0 /* * Copyright 2013 Stephen Connolly. * * Licensed under the Apache License, Version 2.0 (the "License"); * you may not use this file except in compliance with the License. * You may obtain a copy of the License at * * <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a> * * Unless required by applicable law or agreed to in writing, software * distributed under the License is distributed on an "AS IS" BASIS, * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. * See the License for the specific language governing permissions and * limitations under the License. */</p> <p>asm 7.1 - ASM is released under the following 3-Clause BSD License: ASM: a very small and fast Java bytecode manipulation framework Copyright (c) 2000-2011 INRIA, France Telecom All rights reserved.</p> <p>See <a href="#">Appendix M</a></p> |



Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Insecure | NMAP 7.70-5   | <p>The following attribution text was taken from Component nmap Version 7.70 /</p> <p>*****</p> <p>***** * COPYING -- Describes the terms under which Nmap is distributed. * * * *****IMPORTANT NMAP LICENSE TERMS***** * * * The Nmap Security Scanner is (C) 1996-2018 Insecure.Com LLC ("The Nmap * * Project"). Nmap is also a registered trademark of the Nmap Project. * * This program is free software; you may redistribute and/or modify it * * under the terms of the GNU General Public License as published by the * * Free Software Foundation; Version 2 ("GPL"), BUT ONLY WITH ALL OF THE * * CLARIFICATIONS AND EXCEPTIONS DESCRIBED HEREIN. This guarantees your * * right to use, modify, and redistribute this software under certain * * conditions. If you wish to embed Nmap technology into proprietary * * software, we sell alternative licenses (contact sales@nmap.com). * * Dozens of software vendors already license Nmap technology such as * * host discovery, port scanning, OS detection, version detection, and * * the Nmap Scripting Engine. * * * * Note that the GPL places important restrictions on "derivative works", * * yet it does not provide a detailed definition of that term. To avoid * * misunderstandings, we interpret that term as broadly as copyright law * * allows. For example, we consider an application to constitute a * * derivative work for the purpose of this license if it does any of the * * following with any software or content covered by this license * * ("Covered Software"): * * * * o Integrates source code from Covered Software. * * * * o Reads or includes copyrighted data files, such as Nmap's nmap-os-db * * or nmap-service-probes. * * * * o Is designed specifically to execute Covered Software and parse the * * results (as opposed to typical shell or execution-menu apps, which will * * execute anything you tell them to). * * * * o Includes Covered Software in a proprietary executable installer. The * * installers produced by InstallShield are an example of this. Including * * Nmap with other software in compressed or archival form does not * * trigger this provision, provided appropriate open source decompression * * or de-archiving software is widely available for no charge. For the * * purposes of this license, an installer is considered to include Covered * * Software even if it actually retrieves a copy of Covered Software from * * another source during runtime (such as by downloading it from the * * Internet). * * * * o Links (statically or dynamically) to a library which does any of the * * above. * * * * o Executes a helper program, module, or script to do any of the above. * * * * This list is not exclusive, but is meant to clarify our interpretation * * of derived works with some common examples. Other people may interpret * * the plain GPL differently, so we consider this a special exception to * * the GPL that we apply to Covered Software. Works which meet any of * * these conditions must conform to all of the terms of this license, * * particularly including the GPL Section 3 requirements of providing * * source code and allowing free redistribution of the work as a whole. * * * * As another special exception to the GPL terms, the Nmap</p> |

Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Project grants ** permission to link the code of this program with any version of the ** OpenSSL library which is distributed under a license identical to that ** listed in the included docs/licenses/OpenSSL.txt file, and distribute ** linked combinations including the two. **** The Nmap Project has permission to redistribute Npcap, a packet ** capturing driver and library for the Microsoft Windows platform. ** Npcap is a separate work with it's own license rather than this Nmap ** license. Since the Npcap license does not permit redistribution ** without special permission, our Nmap Windows binary packages which ** contain Npcap may not be redistributed without special permission. *</p> <p>*** Any redistribution of Covered Software, including any derived works, ** must obey and carry forward all of the terms of this license, including ** obeying all GPL rules and restrictions. For example, source code of ** the whole work must be provided and free redistribution must be ** allowed. All GPL references to "this License", are to be treated as ** including the terms and conditions of this license text as well. **** Because this license imposes special exceptions to the GPL, Covered ** Work may not be combined (even as part of a larger work) with plain GPL ** software. The terms, conditions, and exceptions of this license must ** be included as well. This license is incompatible with some other open ** source licenses as well. In some cases we can relicense portions of ** Nmap or grant special permissions to use it in other open source ** software. Please contact fyodor@nmap.org with any such requests. **</p> <p>Similarly, we don't incorporate incompatible open source software into ** Covered Software without special permission from the copyright holders. **** If you have any questions about the licensing restrictions on using ** Nmap in other works, we are happy to help. As mentioned above, we also ** offer an alternative license to integrate Nmap into proprietary ** applications and appliances. These contracts have been sold to dozens ** of software vendors, and generally include a perpetual license as well ** as providing support and updates. They also fund the continued ** development of Nmap. Please email sales@nmap.com for further ** information. **** If you have received a written license agreement or contract for ** Covered Software stating terms other than these, you may choose to use ** and redistribute Covered Software under those terms instead of these. **** Source is provided to this software because we believe users have a ** right to know exactly what a program is going to do before they run it. ** This also allows you to audit the software for security holes. **** Source code also allows you to port Nmap to new platforms, fix bugs, ** and add new features. You are highly encouraged to send your changes ** to the dev@nmap.org mailing list for possible incorporation into the ** main distribution. By sending these changes to Fyodor or one of the ** Insecure.Org development mailing lists, or checking them into the Nmap ** source code repository, it is understood (unless you specify ** otherwise) that you are offering the Nmap Project the unlimited, ** non-exclusive right to reuse, modify, and relicense the code. Nmap ** will always be</p> |

Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>available Open Source, but this is important because * * the inability to relicense code has caused devastating problems for * * other Free Software projects (such as KDE and NASM). We also * * occasionally relicense the code to third parties as discussed above. * * If you wish to specify special license conditions of your * * contributions, just say so when you send them. * * * * This program is distributed in the hope that it will be useful, but * * WITHOUT ANY WARRANTY; without even the implied warranty of * * MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the Nmap * * license file for more details (it's in a COPYING file included with * * Nmap, and also available from <a href="https://svn.nmap.org/nmap/COPYING">https://svn.nmap.org/nmap/COPYING</a>) * * *</p> <p>*****</p> <p>*****/ GNU General Public License</p> <p>-----</p> <p>Table of Contents * GNU GENERAL PUBLIC LICENSE o Preamble o TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION o How to Apply These Terms to Your New Programs</p> <p>-----</p> <p>GNU GENERAL PUBLIC LICENSE</p> <p>Version 2, refer to <a href="#">Appendix A</a></p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider                | Component (s)                  | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-------------------------|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| OpenSearch Contributors | Opensearch Python Client 2.2.0 | <p>Apache License - See <a href="#">Appendix E</a></p> <p>APPENDIX: How to apply the Apache License to your work. To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives. Copyright [yyyy] [name of copyright owner] Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a> Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License. opensearch-py v2.2.0 4th party deps ===== 1) certifi v2023.5.7; License MPL-2.0 url=https://github.com/certifi/python-certifi/blob/2023.05.07/LICENSE This package contains a modified version of ca-bundle.crt: ca-bundle.crt -- Bundle of CA Root Certificates Certificate data from Mozilla as of: Thu Nov 3 19:04:19 2011# This is a bundle of X.509 certificates of public Certificate Authorities (CA). These were automatically extracted from Mozilla's root certificates file (certdata.txt). This file can be found in the mozilla source tree: <a href="https://hg.mozilla.org/mozilla-central/file/tip/security/nss/lib/ckfw/builtins/certdata.txt">https://hg.mozilla.org/mozilla-central/file/tip/security/nss/lib/ckfw/builtins/certdata.txt</a> It contains the certificates in PEM format and therefore can be directly used with curl / libcurl / php_curl, or with an Apache+mod_ssl webserver for SSL client authentication. Just configure this file as the SSLCACertificateFile.# ***** BEGIN LICENSE BLOCK ***** This Source Code Form is subject to the terms of the Mozilla Public License, v. 2.0. If a copy of the MPL was not distributed with this file, You can obtain one at <a href="http://mozilla.org/MPL/2.0/">http://mozilla.org/MPL/2.0/</a>. ***** END LICENSE BLOCK ***** @(#) \$RCSfile: certdata.txt,v \$ \$Revision: 1.80 \$ \$Date: 2011/11/03 15:11:58 \$</p> <p>~~~~~ 2) python-dateutil v2.8.2; License: Apache Software License, BSD License (Dual License) url=https://github.com/dateutil/dateutil/blob/2.8.2/LICENSE Copyright 2017- Paul Ganssle Copyright 2017- dateutil contributors (see AUTHORS file) Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a> Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License. The above license applies to all</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>contributions after 2017-12-01, as well as all contributions that have been re-licensed (see AUTHORS file for the list of contributors who have re-licensed their code).</p> <p>-----</p> <p>dateutil - Extensions to the standard Python datetime module. Copyright (c) 2003-2011 - Gustavo Niemeyer Copyright (c) 2012-2014 - Tomi Pieviläinen Copyright (c) 2014-2016 - Yaron de Leeuw Copyright (c) 2015- - Paul Ganssle Copyright (c) 2015- - dateutil contributors (see AUTHORS file) All rights reserved. Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met: *</p> <p>Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer. *</p> <p>Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution. *</p> <p>Neither the name of the copyright holder nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission. THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE. The above BSD License Applies to all code, even that also covered by Apache 2.0.</p> <p>-----</p> <p>3) requests v2.31.0; License Apache-2.0; url=https://github.com/psf/requests/blob/v2.31.0/LICENSE psf/requests is licensed under the Apache License 2.0</p> <p>-----</p> <p>4) six v1.16.0; License MIT url=https://github.com/benjaminp/six/blob/1.16.0/LICENSE benjaminp/six is licensed under the MIT License Copyright (c) 2010-2020 Benjamin Peterson</p> <p>-----</p> <p>5) urllib3 v1.26.16; License MIT url=https://github.com/urllib3/urllib3/blob/1.26.16/LICENSE.txt urllib3/urllib3 is licensed under the MIT License MIT License Copyright (c) 2008-2020 Andrey Petrov and contributors (see CONTRIBUTORS.txt)</p> <p>Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions: The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software. THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider                | Component (s)                      | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-------------------------|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| OpenSearch Contributors | Oracle OpenSearch Dashboards 2.3.0 | <p>=== Public License Template ===</p> <p>----- Top-Level License</p> <p>-----</p> <p>SPDX:Apache-2.0</p> <p>----- Copyright</p> <p>-----</p> <p>Copyright (C) Paul Johnston 1999</p> <p>=== Public License Template ===</p> <p>----- Top-Level License</p> <p>-----</p> <p>SPDX:Apache-2.0</p> <p>----- Copyright</p> <p>-----</p> <p>Copyright (C) Paul Johnston 1999 - 2009</p> <p>Copyright (c) 2002 Cynthia Brewer, Mark Harrower,</p> <p>Copyright (c) 2002 Cynthia Brewer, Mark Harrower, and The</p> <p>Copyright (c) 2007-2014 IOLA and Ole Laursen</p> <p>Copyright (c) 2007-2014 IOLA and Ole Laursen.</p> <p>Copyright (c) 2008, Three Dub Media (<a href="http://threedubmedia.com">http://threedubmedia.com</a>)</p> <p>Copyright (c) 2010 "Cowboy" Ben Alman</p> <p>Copyright (c) 2010 Xuan Luo.</p> <p>Copyright (c) 2010, Ajax.org B.V.</p> <p>Copyright (c) 2011 Brandon Aaron (<a href="http://brandonaaron.net">http://brandonaaron.net</a>)</p> <p>Copyright (c) 2011 Guillermo Rauch</p> <p>&lt;<a href="mailto:guillermo@learnboost.com">guillermo@learnboost.com</a>&gt;</p> <p>Copyright (c) 2011-2015 Twitter, Inc</p> <p>Copyright (c) 2011-2019, Gregor Aisch</p> <p>Copyright (c) 2012 TJ Holowaychuk &lt;<a href="mailto:tj@vision-media.ca">tj@vision-media.ca</a>&gt;</p> <p>Copyright (c) 2013-2014 sha.js contributors</p> <p>Copyright (c) 2013-present, Facebook, Inc.</p> <p>Copyright (c) 2014 Steven Skelton</p> <p>Copyright (c) 2014, Yahoo! Inc. All rights reserved.</p> <p>Copyright (c) 2014-2015 Jon Schlinkert, contributors.</p> <p>Copyright (c) 2014-2015, 2017, Jon Schlinkert.</p> <p>Copyright (c) 2014-2015, Jon Schlinkert.</p> <p>Copyright (c) 2014-2016, Jon Schlinkert.</p> <p>Copyright (c) 2014-2017, Jon Schlinkert.</p> <p>Copyright (c) 2014-2020 Teambition</p> <p>Copyright (c) 2014-present Sebastian McKenzie and other contributors</p> <p>Copyright (c) 2014-present, Facebook, Inc.</p> <p>Copyright (c) 2014-present, Jon Schlinkert.</p> <p>Copyright (c) 2015 Jon Schlinkert.</p> <p>Copyright (c) 2015, 2017, Jon Schlinkert.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Copyright (c) 2015, Jon Schlinkert.</p> <p>Copyright (c) 2015-2017, Jon Schlinkert.</p> <p>Copyright (c) 2015-2018, Jon Schlinkert.</p> <p>Copyright (c) 2015-present, Ben Mosher</p> <p>Copyright (c) 2015-present, Jon Schlinkert.</p> <p>Copyright (c) 2016 Federico Zivolo and contributors</p> <p>Copyright (c) 2016, Jon Schlinkert.</p> <p>Copyright (c) 2016, Mapbox</p> <p>Copyright (c) 2016-2017, Jon Schlinkert.</p> <p>Copyright (c) 2016-2018 The Inter UI Project Authors (me@rsms.me)</p> <p>Copyright (c) 2016-present, jszhou</p> <p>Copyright (c) 2017 Brandon Keepers</p> <p>Copyright (c) 2017-2018 GitHub, Inc.</p> <p>Copyright (c) 2018 Cody Olsen</p> <p>Copyright (c) 2018 Jed Watson.</p> <p>Copyright (c) 2019 Edoardo Gerosa, Olaf Hartong</p> <p>Copyright (c) 2020 F-Secure LABS</p> <p>Copyright (c) 2020 by Guillaume (<a href="https://codepen.io/guillaumethomas/pen/xxbbBKO">https://codepen.io/guillaumethomas/pen/xxbbBKO</a>)</p> <p>Copyright (c) Brian Zengel &lt;<a href="https://github.com/bczengel">https://github.com/bczengel</a>&gt;, Ilya Mochalov &lt;<a href="https://github.com/chrootsu">https://github.com/chrootsu</a>&gt;</p> <p>Copyright (c) Elasticsearch BV</p> <p>Copyright (c) JS Foundation and other contributors &lt;<a href="https://js.foundation/">https://js.foundation/</a>&gt;</p> <p>Copyright (c) Microsoft Corporation.</p> <p>Copyright 2009-2011 Mozilla Foundation and contributors</p> <p>Copyright 2009-2018 Elasticsearch\n\n`;</p> <p>Copyright 2011 Mozilla Foundation and contributors</p> <p>Copyright 2011 The Closure Compiler Authors. All rights reserved.</p> <p>Copyright 2011, Sebastian Tschan</p> <p>Copyright 2012-2021 Elasticsearch B.V.</p> <p>Copyright 2013 Andy Earnshaw, MIT License</p> <p>Copyright 2014 Mozilla Foundation and contributors</p> <p>Copyright 2014 Simon Lydell</p> <p>Copyright 2014, 2015, 2016, 2017 Simon Lydell</p> <p>Copyright 2014, 2015, 2016, 2017, 2018 Simon Lydell</p> <p>Copyright 2015, Yahoo! Inc.</p> <p>Copyright 2017 Simon Lydell</p> <p>Copyright 2018 The diff-match-patch Authors.</p> <p>Copyright 2020 Elasticsearch B.V.</p> <p>Copyright 2021 OpenSearch Contributors</p> <p>Copyright © 2015-2018, Jon Schlinkert.</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>----- Notices<br/>-----</p> <p>OpenSearch<br/>Copyright 2021 OpenSearch Contributors<br/>This product includes software, including Kibana source code, developed by Elasticsearch (<a href="http://www.elastic.co">http://www.elastic.co</a>).<br/>Copyright 2012-2021 Elasticsearch B.V.</p> <p>---</p> <p>Pretty handling of logarithmic axes.<br/>Copyright (c) 2007-2014 IOLA and Ole Laursen.<br/>Licensed under the MIT license.<br/>Created by Arne de Laat<br/>Set axis.mode to "log" and make the axis logarithmic using transform:<br/>axis: {<br/>mode: 'log',<br/>transform: function(v) {v &lt;= 0 ? Math.log(v) / Math.LN10 : null},<br/>inverseTransform: function(v) {Math.pow(10, v)}<br/>}<br/>The transform filters negative and zero values, because those are<br/>invalid on logarithmic scales.<br/>This plugin tries to create good looking logarithmic ticks, using<br/>unicode superscript characters. If all data to be plotted is between two<br/>powers of ten then the default flot tick generator and renderer are<br/>used. Logarithmic ticks are places at powers of ten and at half those<br/>values if there are not too many ticks already (e.g. [1, 5, 10, 50, 100]).<br/>For details, see <a href="https://github.com/flot/flot/pull/1328">https://github.com/flot/flot/pull/1328</a></p> <p>---</p> <p>This module was heavily inspired by the externals plugin that ships with webpack@97d58d31<br/>MIT License <a href="http://www.opensource.org/licenses/mit-license.php">http://www.opensource.org/licenses/mit-license.php</a><br/>Author Tobias Koppers @sokra</p> <p>---</p> <p>This product includes code that is based on Ace editor, which was available<br/>under a "BSD" license.<br/>Distributed under the BSD license:<br/>Copyright (c) 2010, Ajax.org B.V.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>All rights reserved.</p> <p>Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:</p> <p>* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.</p> <p>* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.</p> <p>* Neither the name of Ajax.org B.V. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.</p> <p>THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL AJAX.ORG B.V. BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>---</p> <p>This product includes code that is based on Ace editor, which was available under a "BSD" license.</p> <p>Distributed under the BSD license:</p> <p>Copyright (c) 2010, Ajax.org B.V.</p> <p>All rights reserved.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:</p> <ul style="list-style-type: none"> <li>* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.</li> <li>* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.</li> <li>* Neither the name of Ajax.org B.V. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.</li> </ul> <p>THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL AJAX.ORG B.V. BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>---</p> <p>This product includes code that is based on flot-charts, which was available under a "MIT" license.</p> <p>The MIT License (MIT)</p> <p>Copyright (c) 2007-2014 IOLA and Ole Laursen</p> <p>Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>in the Software without restriction, including without limitation the rights</p> <p>to use, copy, modify, merge, publish, distribute, sublicense, and/or sell</p> <p>copies of the Software, and to permit persons to whom the Software is</p> <p>furnished to do so, subject to the following conditions:</p> <p>The above copyright notice and this permission notice shall be included in</p> <p>all copies or substantial portions of the Software.</p> <p>THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.</p> <p>---</p> <p>This product uses Noto fonts that are licensed under the SIL Open</p> <p>Font License, Version 1.1.</p> <p>---</p> <p>Based on the scroll-into-view-if-necessary module from npm</p> <p><a href="https://github.com/stipsan/compute-scroll-into-view/blob/master/src/index.ts#L269-L340">https://github.com/stipsan/compute-scroll-into-view/blob/master/src/index.ts#L269-L340</a></p> <p>MIT License</p> <p>Copyright (c) 2018 Cody Olsen</p> <p>Permission is hereby granted, free of charge, to any person obtaining a copy</p> <p>of this software and associated documentation files (the "Software"), to deal</p> <p>in the Software without restriction, including without limitation the rights</p> <p>to use, copy, modify, merge, publish, distribute, sublicense, and/or sell</p> <p>copies of the Software, and to permit persons to whom the Software is</p> <p>furnished to do so, subject to the following conditions:</p> <p>The above copyright notice and this permission notice shall be included in all</p> <p>copies or substantial portions of the Software.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.</p> <p>---</p> <p>Detection Rules</p> <p>Copyright 2020 Elasticsearch B.V.</p> <p>---</p> <p>This product bundles rules based on <a href="https://github.com/BlueTeamLabs/sentinel-attack">https://github.com/BlueTeamLabs/sentinel-attack</a> which is available under a "MIT" license. The files based on this license are:</p> <ul style="list-style-type: none"> <li>- defense_evasion_via_filter_manager</li> <li>- discovery_process_discovery_via_tasklist_command</li> <li>- persistence_priv_escalation_via_accessibility_features</li> <li>- persistence_via_application_shimming</li> <li>- defense_evasion_execution_via_trusted_developer_utilities</li> </ul> <p>MIT License</p> <p>Copyright (c) 2019 Edoardo Gerosa, Olaf Hartong</p> <p>Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:</p> <p>The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.</p> <p>THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY,</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.</p> <p>---</p> <p>This product bundles rules based on <a href="https://github.com/FSecureLABS/leonidas">https://github.com/FSecureLABS/leonidas</a> which is available under a "MIT" license. The files based on this license are:</p> <ul style="list-style-type: none"> <li>- credential_access_secretsmanager_getsecretvalue.toml</li> </ul> <p>MIT License</p> <p>Copyright (c) 2020 F-Secure LABS</p> <p>Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:</p> <p>The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.</p> <p>THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.</p> <p>---</p> <p>MIT License</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Copyright (c) 2014-present Sebastian McKenzie and other contributors</p> <p>Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:</p> <p>The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.</p> <p>THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.</p> <p>---</p> <p>This product bundles bootstrap@3.3.6 which is available under a "MIT" license.</p> <p>The MIT License (MIT)</p> <p>Copyright (c) 2011-2015 Twitter, Inc</p> <p>Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>copies of the Software, and to permit persons to whom the Software is<br/>furnished to do so, subject to the following conditions:</p> <p>The above copyright notice and this permission notice shall be included in<br/>all copies or substantial portions of the Software.</p> <p>THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.</p> <p>---</p> <p>This product bundles childnode-remove which is available under a<br/>"MIT" license.</p> <p>The MIT License (MIT)</p> <p>Copyright (c) 2016-present, jszhou<br/><a href="https://github.com/jszhou/js_pie">https://github.com/jszhou/js_pie</a></p> <p>Permission is hereby granted, free of charge, to any person obtaining a copy<br/>of this software and associated documentation files (the "Software"), to deal<br/>in the Software without restriction, including without limitation the rights<br/>to use, copy, modify, merge, publish, distribute, sublicense, and/or sell<br/>copies of the Software, and to permit persons to whom the Software is<br/>furnished to do so, subject to the following conditions:</p> <p>The above copyright notice and this permission notice shall be included in<br/>all copies or substantial portions of the Software.</p> <p>THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.</p> <p>---</p> <p>This product bundles code based on probot-metadata@1.0.0 which is available under a "MIT" license.</p> <p>ISC License</p> <p>Copyright (c) 2017 Brandon Keepers</p> <p>Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.</p> <p>THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.</p> <p>---</p> <p>This product includes code in the function applyCubicBezierStyles that was inspired by a public Codepen, which was available under a "MIT" license.</p> <p>Copyright (c) 2020 by Guillaume (<a href="https://codepen.io/guillaumethomas/pen/xxbbBKO">https://codepen.io/guillaumethomas/pen/xxbbBKO</a>)</p> <p>MIT License <a href="http://www.opensource.org/licenses/mit-license">http://www.opensource.org/licenses/mit-license</a></p> <p>---</p> <p>This product includes code that is adapted from mapbox-gl-js, which is available under a "BSD-3-Clause" license.</p> <p><a href="https://github.com/mapbox/mapbox-gl-js/blob/master/src/util/image.js">https://github.com/mapbox/mapbox-gl-js/blob/master/src/util/image.js</a></p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Copyright (c) 2016, Mapbox</p> <p>All rights reserved.</p> <p>Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:</p> <p>* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.</p> <p>* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.</p> <p>* Neither the name of Mapbox GL JS nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.</p> <p>THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>----- Fourth Party Dependencies<br/>-----</p> <p>----- Licenses<br/>-----</p> <p>- AFL-2.1</p> <p>- Apache-2.0</p> <p>- BSD-0-Clause</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <ul style="list-style-type: none"> <li>- BSD-2-Clause</li> <li>- BSD-3-Clause</li> <li>- BSD-3-Clause--modified-by-Google</li> <li>- CC-BY-4.0</li> <li>- CC0-1.0</li> <li>- GPL-2.0</li> <li>- ISC</li> <li>- MIT</li> <li>- Unlicense</li> <li>- WTFPL</li> </ul> <p>----- (separator)</p> <p>== Dependency</p> <p>@ampproject/remapping</p> <p>== License Type</p> <p>SPDX:Apache-2.0</p> <p>== Copyright</p> <p>Copyright 2019 Google LLC</p> <p>----- (separator)</p> <p>== Dependency</p> <p>@babel/cli</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) 2014-present Sebastian McKenzie and other contributors</p> <p>----- (separator)</p> <p>== Dependency</p> <p>@babel/code-frame</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) 2014-present Sebastian McKenzie and other contributors</p> <p>----- (separator)</p> <p>== Dependency</p> <p>@babel/compat-data</p> <p>== License Type</p> <p>SPDX:MIT</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>== Copyright<br/>Copyright (c) 2014-present Sebastian McKenzie and other contributors<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>@babel/core<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) 2014-present Sebastian McKenzie and other contributors<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>@babel/generator<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) 2014-present Sebastian McKenzie and other contributors<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>@babel/helper-annotate-as-pure<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) 2014-present Sebastian McKenzie and other contributors<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>@babel/helper-builder-binary-assignment-operator-visitor<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) 2014-present Sebastian McKenzie and other contributors<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>@babel/helper-compilation-targets</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2014-present Sebastian McKenzie and other contributors<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>@babel/helper-create-class-features-plugin</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2014-present Sebastian McKenzie and other contributors<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>@babel/helper-create-regexp-features-plugin</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2014-present Sebastian McKenzie and other contributors<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>@babel/helper-define-polyfill-provider</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2014-present Nicolò Ribaudo and other contributors<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>@babel/helper-environment-visitor</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2014-present Sebastian McKenzie and other contributors</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>@babel/helper-explode-assignable-expression<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) 2014-present Sebastian McKenzie and other contributors</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>@babel/helper-function-name<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) 2014-present Sebastian McKenzie and other contributors</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>@babel/helper-get-function-arity<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) 2014-present Sebastian McKenzie and other contributors</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>@babel/helper-hoist-variables<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) 2014-present Sebastian McKenzie and other contributors</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>@babel/helper-member-expression-to-functions<br/>== License Type<br/>SPDX:MIT</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>== Copyright<br/>Copyright (c) 2014-present Sebastian McKenzie and other contributors<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>@babel/helper-module-imports</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2014-present Sebastian McKenzie and other contributors<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>@babel/helper-module-transforms</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2014-present Sebastian McKenzie and other contributors<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>@babel/helper-optimise-call-expression</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2014-present Sebastian McKenzie and other contributors<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>@babel/helper-plugin-utils</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2014-present Sebastian McKenzie and other contributors<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>@babel/helper-remap-async-to-generator</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2014-present Sebastian McKenzie and other contributors<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>@babel/helper-replace-supers</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2014-present Sebastian McKenzie and other contributors<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>@babel/helper-simple-access</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2014-present Sebastian McKenzie and other contributors<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>@babel/helper-skip-transparent-expression-wrappers</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2014-present Sebastian McKenzie and other contributors<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>@babel/helper-split-export-declaration</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2014-present Sebastian McKenzie and other contributors</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>@babel/helper-validator-identifier<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) 2014-present Sebastian McKenzie and other contributors</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>@babel/helper-validator-option<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) 2014-present Sebastian McKenzie and other contributors</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>@babel/helper-wrap-function<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) 2014-present Sebastian McKenzie and other contributors</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>@babel/helpers<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) 2014-present Sebastian McKenzie and other contributors</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>@babel/highlight<br/>== License Type<br/>SPDX:MIT</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>== Copyright<br/>Copyright (c) 2014-present Sebastian McKenzie and other contributors<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>@babel/parser<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (C) 2012-2014 by various contributors (see AUTHORS)<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>@babel/plugin-bugfix-safari-id-structuring-collision-in-function-expression<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) 2014-present Sebastian McKenzie and other contributors<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>@babel/plugin-bugfix-v8-spread-parameters-in-optional-chaining<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) 2014-present Sebastian McKenzie and other contributors<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>@babel/plugin-proposal-async-generator-functions<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) 2014-present Sebastian McKenzie and other contributors<br/>----- (separator)<br/>-----</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>== Dependency<br/>@babel/plugin-proposal-class-properties</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2014-present Sebastian McKenzie and other contributors</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>@babel/plugin-proposal-class-static-block</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2014-present Sebastian McKenzie and other contributors</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>@babel/plugin-proposal-dynamic-import</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2014-present Sebastian McKenzie and other contributors</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>@babel/plugin-proposal-export-namespace-from</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2014-present Sebastian McKenzie and other contributors</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>@babel/plugin-proposal-json-strings</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Copyright (c) 2014-present Sebastian McKenzie and other contributors</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>@babel/plugin-proposal-logical-assignment-operators</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) 2014-present Sebastian McKenzie and other contributors</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>@babel/plugin-proposal-nullish-coalescing-operator</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) 2014-present Sebastian McKenzie and other contributors</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>@babel/plugin-proposal-numeric-separator</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) 2014-present Sebastian McKenzie and other contributors</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>@babel/plugin-proposal-object-rest-spread</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) 2014-present Sebastian McKenzie and other contributors</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>@babel/plugin-proposal-optional-catch-binding</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2014-present Sebastian McKenzie and other contributors<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>@babel/plugin-proposal-optional-chaining</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2014-present Sebastian McKenzie and other contributors<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>@babel/plugin-proposal-private-methods</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2014-present Sebastian McKenzie and other contributors<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>@babel/plugin-proposal-private-property-in-object</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2014-present Sebastian McKenzie and other contributors<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>@babel/plugin-proposal-unicode-property-regex</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2014-present Sebastian McKenzie and other contributors<br/>----- (separator)<br/>-----</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>== Dependency<br/>@babel/plugin-syntax-async-generators</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2014-present Sebastian McKenzie and other contributors</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>@babel/plugin-syntax-class-properties</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2014-present Sebastian McKenzie and other contributors</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>@babel/plugin-syntax-class-static-block</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2014-present Sebastian McKenzie and other contributors</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>@babel/plugin-syntax-dynamic-import</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2014-present Sebastian McKenzie and other contributors</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>@babel/plugin-syntax-export-namespace-from</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Copyright (c) 2014-present Sebastian McKenzie and other contributors</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>@babel/plugin-syntax-json-strings</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) 2014-present Sebastian McKenzie and other contributors</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>@babel/plugin-syntax-jsx</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) 2014-present Sebastian McKenzie and other contributors</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>@babel/plugin-syntax-logical-assignment-operators</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) 2014-present Sebastian McKenzie and other contributors</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>@babel/plugin-syntax-nullish-coalescing-operator</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) 2014-present Sebastian McKenzie and other contributors</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>@babel/plugin-syntax-numeric-separator</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2014-present Sebastian McKenzie and other contributors<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>@babel/plugin-syntax-object-rest-spread</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2014-present Sebastian McKenzie and other contributors<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>@babel/plugin-syntax-optional-catch-binding</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2014-present Sebastian McKenzie and other contributors<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>@babel/plugin-syntax-optional-chaining</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2014-present Sebastian McKenzie and other contributors<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>@babel/plugin-syntax-private-property-in-object</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2014-present Sebastian McKenzie and other contributors<br/>----- (separator)<br/>-----</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>== Dependency<br/>@babel/plugin-syntax-top-level-await</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2014-present Sebastian McKenzie and other contributors</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>@babel/plugin-syntax-typescript</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2014-present Sebastian McKenzie and other contributors</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>@babel/plugin-transform-arrow-functions</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2014-present Sebastian McKenzie and other contributors</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>@babel/plugin-transform-async-to-generator</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2014-present Sebastian McKenzie and other contributors</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>@babel/plugin-transform-block-scoped-functions</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Copyright (c) 2014-present Sebastian McKenzie and other contributors</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>@babel/plugin-transform-block-scoping</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) 2014-present Sebastian McKenzie and other contributors</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>@babel/plugin-transform-classes</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) 2014-present Sebastian McKenzie and other contributors</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>@babel/plugin-transform-computed-properties</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) 2014-present Sebastian McKenzie and other contributors</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>@babel/plugin-transform-destructuring</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) 2014-present Sebastian McKenzie and other contributors</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>@babel/plugin-transform-dotall-regex</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2014-present Sebastian McKenzie and other contributors<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>@babel/plugin-transform-duplicate-keys</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2014-present Sebastian McKenzie and other contributors<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>@babel/plugin-transform-exponentiation-operator</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2014-present Sebastian McKenzie and other contributors<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>@babel/plugin-transform-for-of</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2014-present Sebastian McKenzie and other contributors<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>@babel/plugin-transform-function-name</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2014-present Sebastian McKenzie and other contributors<br/>----- (separator)<br/>-----</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>== Dependency<br/>@babel/plugin-transform-literals</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2014-present Sebastian McKenzie and other contributors</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>@babel/plugin-transform-member-expression-literals</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2014-present Sebastian McKenzie and other contributors</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>@babel/plugin-transform-modules-amd</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2014-present Sebastian McKenzie and other contributors</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>@babel/plugin-transform-modules-commonjs</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2014-present Sebastian McKenzie and other contributors</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>@babel/plugin-transform-modules-systemjs</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Copyright (c) 2014-present Sebastian McKenzie and other contributors</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>@babel/plugin-transform-modules-umd</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) 2014-present Sebastian McKenzie and other contributors</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>@babel/plugin-transform-named-capturing-groups-regex</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) 2014-present Sebastian McKenzie and other contributors</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>@babel/plugin-transform-new-target</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) 2014-present Sebastian McKenzie and other contributors</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>@babel/plugin-transform-object-super</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) 2014-present Sebastian McKenzie and other contributors</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>@babel/plugin-transform-parameters</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2014-present Sebastian McKenzie and other contributors<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>@babel/plugin-transform-property-literals</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2014-present Sebastian McKenzie and other contributors<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>@babel/plugin-transform-react-display-name</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2014-present Sebastian McKenzie and other contributors<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>@babel/plugin-transform-react-jsx-development</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2014-present Sebastian McKenzie and other contributors<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>@babel/plugin-transform-react-jsx</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2014-present Sebastian McKenzie and other contributors<br/>----- (separator)<br/>-----</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>== Dependency<br/>@babel/plugin-transform-react-pure-annotations</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2014-present Sebastian McKenzie and other contributors</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>@babel/plugin-transform-regenerator</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2014-present Sebastian McKenzie and other contributors</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>@babel/plugin-transform-reserved-words</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2014-present Sebastian McKenzie and other contributors</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>@babel/plugin-transform-shorthand-properties</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2014-present Sebastian McKenzie and other contributors</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>@babel/plugin-transform-spread</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Copyright (c) 2014-present Sebastian McKenzie and other contributors</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>@babel/plugin-transform-sticky-regex</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) 2014-present Sebastian McKenzie and other contributors</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>@babel/plugin-transform-template-literals</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) 2014-present Sebastian McKenzie and other contributors</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>@babel/plugin-transform-typeof-symbol</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) 2014-present Sebastian McKenzie and other contributors</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>@babel/plugin-transform-typescript</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) 2014-present Sebastian McKenzie and other contributors</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>@babel/plugin-transform-unicode-escapes</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2014-present Sebastian McKenzie and other contributors<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>@babel/plugin-transform-unicode-regex</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2014-present Sebastian McKenzie and other contributors<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>@babel/preset-env</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2014-present Sebastian McKenzie and other contributors<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>@babel/preset-modules</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2020 Babel<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>@babel/preset-react</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2014-present Sebastian McKenzie and other contributors<br/>----- (separator)<br/>-----</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>== Dependency<br/>@babel/preset-typescript</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2014-present Sebastian McKenzie and other contributors</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>@babel/runtime</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2014-present Sebastian McKenzie and other contributors</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>@babel/template</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2014-present Sebastian McKenzie and other contributors</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>@babel/traverse</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2014-present Sebastian McKenzie and other contributors</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>@babel/types</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Copyright (c) 2014-present Sebastian McKenzie and other contributors</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>@elastic/charts</p> <p>== License Type</p> <p>SPDX:Apache-2.0</p> <p>== Copyright</p> <p>Copyright (c) 2017 Evgeny Poberezkin</p> <p>Copyright 2018 Observable, Inc.</p> <p>Copyright 2019 Elastic and contributors</p> <p>== Notices</p> <p>This product includes code that is adapted from fast-deep-equal@3.1.1,<br/>which is available under a "MIT" license.</p> <p>MIT License</p> <p>Copyright (c) 2017 Evgeny Poberezkin</p> <p>Permission is hereby granted, free of charge, to any person obtaining a copy<br/>of this software and associated documentation files (the "Software"), to deal<br/>in the Software without restriction, including without limitation the rights<br/>to use, copy, modify, merge, publish, distribute, sublicense, and/or sell<br/>copies of the Software, and to permit persons to whom the Software is<br/>furnished to do so, subject to the following conditions:</p> <p>The above copyright notice and this permission notice shall be included in all<br/>copies or substantial portions of the Software.</p> <p>THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>---</p> <p>This product also includes code that is adapted from d3-<br/>delaunay@5.2.1,<br/>which is available under a "ISC" license.</p> <p>Copyright 2018 Observable, Inc.</p> <p>Permission to use, copy, modify, and/or distribute this<br/>software for any purpose<br/>with or without fee is hereby granted, provided that the above<br/>copyright notice<br/>and this permission notice appear in all copies.</p> <p>THE SOFTWARE IS PROVIDED "AS IS" AND THE<br/>AUTHOR DISCLAIMS ALL WARRANTIES WITH<br/>REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED<br/>WARRANTIES OF MERCHANTABILITY AND<br/>FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE<br/>FOR ANY SPECIAL, DIRECT,<br/>INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY<br/>DAMAGES WHATSOEVER RESULTING FROM LOSS<br/>OF USE, DATA OR PROFITS, WHETHER IN AN ACTION<br/>OF CONTRACT, NEGLIGENCE OR OTHER<br/>TORTIOUS ACTION, ARISING OUT OF OR IN<br/>CONNECTION WITH THE USE OR PERFORMANCE OF<br/>THIS SOFTWARE.</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>@elastic/ecs-helpers</p> <p>== License Type<br/>SPDX:Apache-2.0</p> <p>== Copyright<br/>Copyright 2019-2021 Elasticsearch B.V.<br/>Copyright 2020 Elastic and contributors</p> <p>== Notices<br/>@elastic/ecs-helpers<br/>Copyright 2019-2021 Elasticsearch B.V.</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>@elastic/ecs-pino-format</p> <p>== License Type<br/>SPDX:Apache-2.0</p> <p>== Copyright<br/>Copyright 2019-2021 Elasticsearch B.V.<br/>Copyright 2020 Elastic and contributors</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>== Notices</p> <p>@elastic/ecs-pino-format</p> <p>Copyright 2019-2021 Elasticsearch B.V.</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>@elastic/eui</p> <p>== License Type</p> <p>SPDX:Apache-2.0</p> <p>== Copyright</p> <p>Copyright (C) Paul Johnston 1999 - 2009</p> <p>Copyright (c) 2002 Cynthia Brewer, Mark Harrower,</p> <p>Copyright (c) 2002 Cynthia Brewer, Mark Harrower, and The</p> <p>Copyright (c) 2010, Ajax.org B.V.</p> <p>Copyright (c) 2011-2019, Gregor Aisch</p> <p>Copyright (c) 2013-present, Facebook, Inc.</p> <p>Copyright (c) 2014-2015, Jon Schlinkert.</p> <p>Copyright (c) 2014-present, Facebook, Inc.</p> <p>Copyright (c) 2016 Federico Zivolo and contributors</p> <p>Copyright (c) 2017 Jed Watson.</p> <p>Copyright (c) 2017-2018 GitHub, Inc.</p> <p>Copyright (c) 2018 HackerOne Inc and individual contributors</p> <p>Copyright (c) Facebook, Inc. and its affiliates.</p> <p>Copyright (c) Microsoft Corporation.</p> <p>Copyright (c) Microsoft Corporation. All rights reserved.</p> <p>Copyright 2006 Google Inc.</p> <p>Copyright 2011, Sebastian Tschan</p> <p>Copyright 2012-2018 Elasticsearch B.V.</p> <p>Copyright 2015, Yahoo! Inc.</p> <p>Copyright 2018 The diff-match-patch Authors.</p> <p>Copyright 2019 Elasticsearch BV</p> <p>Copyright 2021 OpenSearch Contributors</p> <p>== Notices</p> <p>OpenSearch UI</p> <p>Copyright 2021 OpenSearch Contributors</p> <p>This product includes software, including EUI source code, developed by Elasticsearch (<a href="http://www.elastic.co">http://www.elastic.co</a>).</p> <p>Copyright 2012-2018 Elasticsearch B.V.</p> <p>---</p> <p>This product bundles code based on react-datepicker@2.0.0 which is available under a "MIT" license.</p> <p>The MIT License (MIT)</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Copyright (c) 2018 HackerOne Inc and individual contributors</p> <p>Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:</p> <p>The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.</p> <p>THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.</p> <p>--</p> <p>This product bundles code based on @types/react-datepicker@1.8.0 which is available under a "MIT" license.</p> <p>MIT License</p> <p>Copyright (c) Microsoft Corporation. All rights reserved.</p> <p>Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:</p> <p>The above copyright notice and this permission notice shall be included in all</p> |

Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>copies or substantial portions of the Software.</p> <p>THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>@elastic/good</p> <p>== License Type<br/>===BSD-3-Clause--modified-by-Google-a2e6ae71</p> <p>Copyright (c) 2014-2020, Sideway Inc, and project contributors<br/>Copyright (c) 2012-2014, Walmart.<br/>All rights reserved.</p> <p>Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:</p> <ul style="list-style-type: none"> <li>* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.</li> <li>* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.</li> <li>* The names of any contributors may not be used to endorse or promote products derived from this software without specific prior written permission.</li> </ul> <p>THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDERS AND CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>== Copyright<br/>Copyright (c) 2012-2014, Walmart.<br/>Copyright (c) 2014-2020, Sideway Inc, and project contributors</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>@elastic/node-crypto</p> <p>== License Type<br/>SPDX:Apache-2.0</p> <p>== Copyright<br/>Copyright 2012–2016 Elasticsearch BV</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>@elastic/numeral</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2012 Adam Draper</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>@elastic/request-crypto</p> <p>== License Type<br/>SPDX:Apache-2.0</p> <p>== Copyright<br/>Copyright 2017 Elasticsearch BV</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>@elastic/safer-lodash-set</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) Brian Zengel &lt;<a href="https://github.com/bczengel">https://github.com/bczengel</a>&gt;, Ilya Mochalov &lt;<a href="https://github.com/chrootsu">https://github.com/chrootsu</a>&gt;</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Copyright (c) Elasticsearch BV<br/> Copyright (c) JS Foundation and other contributors &lt;<a href="https://js.foundation/">https://js.foundation/</a>&gt;<br/> ----- (separator)<br/> -----<br/> == Dependency<br/> @emotion/is-prop-valid<br/> == License Type<br/> SPDX:MIT<br/> == Copyright<br/> Copyright (c) Emotion team and other contributors<br/> ----- (separator)<br/> -----<br/> == Dependency<br/> @emotion/memoize<br/> == License Type<br/> SPDX:MIT<br/> == Copyright<br/> Copyright (c) Emotion team and other contributors<br/> ----- (separator)<br/> -----<br/> == Dependency<br/> @emotion/stylis<br/> == License Type<br/> SPDX:MIT<br/> == Copyright<br/> Copyright (c) Emotion team and other contributors<br/> ----- (separator)<br/> -----<br/> == Dependency<br/> @emotion/unitless<br/> == License Type<br/> SPDX:MIT<br/> == Copyright<br/> Copyright (c) Emotion team and other contributors<br/> ----- (separator)<br/> -----<br/> == Dependency<br/> @gar/promisify<br/> == License Type<br/> SPDX:MIT</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>== Copyright<br/>Copyright © 2020-2022 Michael Garvin<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>@hapi/accept</p> <p>== License Type<br/>===BSD-3-Clause--modified-by-Google-af8deac5</p> <p>Copyright (c) 2014-2020, Sideway Inc, and project contributors<br/>Copyright (c) 2015-2016, Mark Bradshaw<br/>Copyright (c) 2014, Walmart.<br/>All rights reserved.</p> <p>Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:</p> <p>* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.</p> <p>* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.</p> <p>* The names of any contributors may not be used to endorse or promote products derived from this software without specific prior written permission.</p> <p>THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDERS AND CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>== Copyright<br/>Copyright (c) 2014, Walmart.<br/>Copyright (c) 2014-2020, Sideway Inc, and project contributors<br/>Copyright (c) 2015-2016, Mark Bradshaw</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>@hapi/ammo</p> <p>== License Type<br/>===BSD-3-Clause--modified-by-Google-73225059</p> <p>Copyright (c) 2014-2020, Sideway Inc, and project contributors</p> <p>Copyright (c) 2014, Walmart.</p> <p>All rights reserved.</p> <p>Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:</p> <p>* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.</p> <p>* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.</p> <p>* The names of any contributors may not be used to endorse or promote products derived from this software without specific prior written permission.</p> <p>THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDERS AND CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>== Copyright<br/>Copyright (c) 2014, Walmart.<br/>Copyright (c) 2014-2020, Sideway Inc, and project contributors</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>@hapi/b64</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>== License Type</p> <p>===BSD-3-Clause--modified-by-Google-73225059</p> <p>Copyright (c) 2014-2020, Sideway Inc, and project contributors</p> <p>Copyright (c) 2014, Walmart.</p> <p>All rights reserved.</p> <p>Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:</p> <p>* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.</p> <p>* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.</p> <p>* The names of any contributors may not be used to endorse or promote products derived from this software without specific prior written permission.</p> <p>THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDERS AND CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>== Copyright</p> <p>Copyright (C) 1999 Masanao Izumo &lt;iz@onicos.co.jp&gt;</p> <p>Copyright (c) 2014, Walmart.</p> <p>Copyright (c) 2014-2020, Sideway Inc, and project contributors</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>@hapi/boom</p> <p>== License Type</p> <p>===BSD-3-Clause--modified-by-Google-39aa1980</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Copyright (c) 2012-2020, Sideway Inc, and project contributors</p> <p>Copyright (c) 2012-2014, Walmart.</p> <p>All rights reserved.</p> <p>Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:</p> <ul style="list-style-type: none"> <li>* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.</li> <li>* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.</li> <li>* The names of any contributors may not be used to endorse or promote products derived from this software without specific prior written permission.</li> </ul> <p>THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDERS AND CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>== Copyright</p> <p>Copyright (c) 2012-2014, Walmart.</p> <p>Copyright (c) 2012-2020, Sideway Inc, and project contributors</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>@hapi/bounce</p> <p>== License Type</p> <p>===BSD-3-Clause--modified-by-Google-7b16b961</p> <p>Copyright (c) 2017-2020, Sideway Inc, and project contributors</p> <p>All rights reserved.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:</p> <ul style="list-style-type: none"> <li>* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.</li> <li>* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.</li> <li>* The names of any contributors may not be used to endorse or promote products derived from this software without specific prior written permission.</li> </ul> <p>THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDERS AND CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>== Copyright<br/>Copyright (c) 2017-2020, Sideway Inc, and project contributors<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>@hapi/bourne</p> <p>== License Type<br/>===BSD-3-Clause--modified-by-Google-5a75a42e</p> <p>Copyright (c) 2019-2020, Sideway Inc, and project contributors<br/>All rights reserved.</p> <p>Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:</p> <ul style="list-style-type: none"> <li>* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.</li> <li>* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following</li> </ul> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>disclaimer in the documentation and/or other materials provided with the distribution.</p> <p>* The names of any contributors may not be used to endorse or promote products derived from this software without specific prior written permission.</p> <p>THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDERS AND CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>== Copyright<br/>Copyright (c) 2019-2020, Sideway Inc, and project contributors</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>@hapi/call</p> <p>== License Type<br/>===BSD-3-Clause--modified-by-Google-73225059</p> <p>Copyright (c) 2014-2020, Sideway Inc, and project contributors</p> <p>Copyright (c) 2014, Walmart.</p> <p>All rights reserved.</p> <p>Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:</p> <p>* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.</p> <p>* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.</p> <p>* The names of any contributors may not be used to endorse or promote products derived from this software without specific prior written permission.</p> <p>THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDERS AND CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>== Copyright</p> <p>Copyright (c) 2008-2009 Bjoern Hoehrmann<br/>&lt;bjoern@hoehrmann.de&gt;, MIT Licensed, <a href="http://bjoern.hoehrmann.de/utf-8/decoder/dfa/">http://bjoern.hoehrmann.de/utf-8/decoder/dfa/</a></p> <p>Copyright (c) 2014, Walmart.</p> <p>Copyright (c) 2014-2020, Sideway Inc, and project contributors</p> <p>Copyright (c) 2017-2019 Justin Ridgewell, MIT Licensed, <a href="https://github.com/jridgewell/safe-decode-string-component">https://github.com/jridgewell/safe-decode-string-component</a></p> <p>----- (separator)<br/>-----</p> <p>== Dependency</p> <p>@hapi/catbox-memory</p> <p>== License Type</p> <p>===BSD-3-Clause--modified-by-Google-39aa1980</p> <p>Copyright (c) 2012-2020, Sideway Inc, and project contributors</p> <p>Copyright (c) 2012-2014, Walmart.</p> <p>All rights reserved.</p> <p>Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:</p> <p>* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.</p> <p>* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.</p> <p>* The names of any contributors may not be used to endorse or promote products derived from this software without specific prior written permission.</p> <p>THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY</p> |



Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDERS AND CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>== Copyright<br/>Copyright (c) 2012-2014, Walmart.<br/>Copyright (c) 2012-2020, Sideway Inc, and project contributors</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>@hapi/catbox</p> <p>== License Type<br/>===BSD-3-Clause--modified-by-Google-39aa1980<br/>Copyright (c) 2012-2020, Sideway Inc, and project contributors<br/>Copyright (c) 2012-2014, Walmart.<br/>All rights reserved.</p> <p>Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:</p> <p>* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.</p> <p>* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.</p> <p>* The names of any contributors may not be used to endorse or promote products derived from this software without specific prior written permission.</p> <p>THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDERS AND CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL,</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>== Copyright<br/>Copyright (c) 2012-2014, Walmart.<br/>Copyright (c) 2012-2020, Sideway Inc, and project contributors<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>@hapi/content</p> <p>== License Type<br/>===BSD-3-Clause--modified-by-Google-73225059</p> <p>Copyright (c) 2014-2020, Sideway Inc, and project contributors<br/>Copyright (c) 2014, Walmart.<br/>All rights reserved.</p> <p>Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:</p> <ul style="list-style-type: none"> <li>* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.</li> <li>* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.</li> <li>* The names of any contributors may not be used to endorse or promote products derived from this software without specific prior written permission.</li> </ul> <p>THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDERS AND CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY,</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>== Copyright<br/>Copyright (c) 2014, Walmart.<br/>Copyright (c) 2014-2020, Sideway Inc, and project contributors<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>@hapi/cookie</p> <p>== License Type<br/>===BSD-3-Clause--modified-by-Google-39aa1980</p> <p>Copyright (c) 2012-2020, Sideway Inc, and project contributors<br/>Copyright (c) 2012-2014, Walmart.<br/>All rights reserved.</p> <p>Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:</p> <ul style="list-style-type: none"> <li>* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.</li> <li>* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.</li> <li>* The names of any contributors may not be used to endorse or promote products derived from this software without specific prior written permission.</li> </ul> <p>THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDERS AND CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>== Copyright</p> <p>Copyright (c) 2012-2014, Walmart.</p> <p>Copyright (c) 2012-2020, Sideway Inc, and project contributors</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>@hapi/cryptiles</p> <p>== License Type</p> <p>===BSD-3-Clause--modified-by-Google-e2836cd3</p> <p>Copyright (c) 2014-2020, Sideway Inc, and project contributors</p> <p>All rights reserved.</p> <p>Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:</p> <p>* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.</p> <p>* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.</p> <p>* The names of any contributors may not be used to endorse or promote products derived from this software without specific prior written permission.</p> <p>THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDERS AND CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>== Copyright</p> <p>Copyright (c) 2014-2020, Sideway Inc, and project contributors</p> <p>----- (separator)</p> <p>-----</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>== Dependency<br/>@hapi/file</p> <p>== License Type<br/>===BSD-3-Clause--modified-by-Google-58240e35</p> <p>Copyright (c) 2019-2020, Project contributors<br/>All rights reserved.</p> <p>Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:</p> <p>* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.</p> <p>* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.</p> <p>* The names of any contributors may not be used to endorse or promote products derived from this software without specific prior written permission.</p> <p>THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDERS AND CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>== Copyright<br/>Copyright (c) 2019-2020, Project contributors<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>@hapi/good-squeeze</p> <p>== License Type<br/>===BSD-3-Clause--modified-by-Google-e1000319</p> <p>Copyright (c) 2014-2020, Sideway Inc, and project contributors<br/>Copyright (c) 2014-2016, Walmart.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>All rights reserved.</p> <p>Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:</p> <ul style="list-style-type: none"> <li>* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.</li> <li>* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.</li> <li>* The names of any contributors may not be used to endorse or promote products derived from this software without specific prior written permission.</li> </ul> <p>THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDERS AND CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>== Copyright<br/>Copyright (c) 2014-2016, Walmart.<br/>Copyright (c) 2014-2020, Sideway Inc, and project contributors</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>@hapi/h2o2</p> <p>== License Type<br/>===BSD-3-Clause--modified-by-Google-39aa1980</p> <p>Copyright (c) 2012-2020, Sideway Inc, and project contributors<br/>Copyright (c) 2012-2014, Walmart.<br/>All rights reserved.</p> <p>Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.</p> <p>* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.</p> <p>* The names of any contributors may not be used to endorse or promote products derived from this software without specific prior written permission.</p> <p>THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDERS AND CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>== Copyright<br/>Copyright (c) 2012-2014, Walmart.<br/>Copyright (c) 2012-2020, Sideway Inc, and project contributors<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>@hapi/hapi</p> <p>== License Type<br/>===BSD-3-Clause--modified-by-Google-580bf43f<br/>Copyright (c) 2011-2020, Sideway Inc, and project contributors<br/>Copyright (c) 2011-2014, Walmart<br/>Copyright (c) 2011, Yahoo Inc.<br/>All rights reserved.</p> <p>Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:</p> <p>* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.</p> <p>* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>disclaimer in the documentation and/or other materials provided with the distribution.</p> <p>* The names of any contributors may not be used to endorse or promote products derived from this software without specific prior written permission.</p> <p>THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDERS AND CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>== Copyright<br/>Copyright (c) 2011, Yahoo Inc.<br/>Copyright (c) 2011-2014, Walmart<br/>Copyright (c) 2011-2020, Sideway Inc, and project contributors<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>@hapi/heavy</p> <p>== License Type<br/>===BSD-3-Clause--modified-by-Google-71ee2d93<br/>Copyright (c) 2013-2020, Sideway Inc, and project contributors<br/>Copyright (c) 2013-2014, Walmart.<br/>All rights reserved.</p> <p>Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:</p> <p>* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.</p> <p>* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.</p> |



Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>* The names of any contributors may not be used to endorse or promote products derived from this software without specific prior written permission.</p> <p>THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDERS AND CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>== Copyright</p> <p>Copyright (c) 2013-2014, Walmart.</p> <p>Copyright (c) 2013-2020, Sideway Inc, and project contributors</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>@hapi/hoek</p> <p>== License Type</p> <p>===BSD-3-Clause--modified-by-Google-1c6ebb2a</p> <p>Copyright (c) 2011-2020, Sideway Inc, and project contributors</p> <p>Copyright (c) 2011-2014, Walmart</p> <p>Copyright (c) 2011, Yahoo Inc.</p> <p>All rights reserved.</p> <p>Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:</p> <p>* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.</p> <p>* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.</p> <p>* The names of any contributors may not be used to endorse or promote products derived from this software without specific prior written permission.</p> <p>THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDERS AND CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>== Copyright<br/>Copyright (c) 2011, Yahoo Inc.<br/>Copyright (c) 2011-2014, Walmart<br/>Copyright (c) 2011-2020, Sideway Inc, and project contributors</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>@hapi/inert</p> <p>== License Type<br/>===BSD-3-Clause--modified-by-Google-e082b3a8</p> <p>Copyright (c) 2012-2020, Sideway Inc, and project contributors<br/>Copyright (c) 2014-2019, Gil Pedersen<br/>Copyright (c) 2012-2014, Walmart.<br/>All rights reserved.</p> <p>Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:</p> <p>* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.</p> <p>* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.</p> <p>* The names of any contributors may not be used to endorse or promote products derived from this software without specific prior written permission.</p> <p>THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR</p> |

Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDERS AND CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>== Copyright<br/>Copyright (c) 2012-2014, Walmart.<br/>Copyright (c) 2012-2020, Sideway Inc, and project contributors<br/>Copyright (c) 2014-2019, Gil Pedersen<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>@hapi/iron<br/>== License Type<br/>===BSD-3-Clause--modified-by-Google-41c6b0db<br/>Copyright (c) 2012-2020, Sideway Inc, and project contributors<br/>All rights reserved.</p> <p>Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:</p> <ul style="list-style-type: none"> <li>* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.</li> <li>* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.</li> <li>* The names of any contributors may not be used to endorse or promote products derived from this software without specific prior written permission.</li> </ul> <p>THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDERS AND CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>== Copyright</p> <p>Copyright (c) 2012-2020, Sideway Inc, and project contributors</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>@hapi/mimos</p> <p>== License Type</p> <p>===BSD-3-Clause--modified-by-Google-73225059</p> <p>Copyright (c) 2014-2020, Sideway Inc, and project contributors</p> <p>Copyright (c) 2014, Walmart.</p> <p>All rights reserved.</p> <p>Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:</p> <p>* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.</p> <p>* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.</p> <p>* The names of any contributors may not be used to endorse or promote products derived from this software without specific prior written permission.</p> <p>THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDERS AND CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS</p> |

Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>== Copyright<br/>Copyright (c) 2014, Walmart.<br/>Copyright (c) 2014-2020, Sideway Inc, and project contributors<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>@hapi/nigel</p> <p>== License Type<br/>===BSD-3-Clause--modified-by-Google-73225059<br/>Copyright (c) 2014-2020, Sideway Inc, and project contributors<br/>Copyright (c) 2014, Walmart.<br/>All rights reserved.</p> <p>Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:</p> <p>* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.</p> <p>* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.</p> <p>* The names of any contributors may not be used to endorse or promote products derived from this software without specific prior written permission.</p> <p>THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDERS AND CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>== Copyright<br/>Copyright (c) 2014, Walmart.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Copyright (c) 2014-2020, Sideway Inc, and project contributors</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>@hapi/oppsy</p> <p>== License Type</p> <p>===BSD-3-Clause--modified-by-Google-dc62cefd</p> <p>Copyright (c) 2015-2020, Sideway Inc, and project contributors</p> <p>All rights reserved.</p> <p>Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:</p> <p>* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.</p> <p>* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.</p> <p>* The names of any contributors may not be used to endorse or promote products derived from this software without specific prior written permission.</p> <p>THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDERS AND CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>== Copyright</p> <p>Copyright (c) 2015-2020, Sideway Inc, and project contributors</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>@hapi/pez</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>== License Type<br/>           ===BSD-3-Clause--modified-by-Google-912b4aea</p> <p>Copyright (c) 2014-2020, Sideway Inc, and project contributors<br/>           Copyright (c) 2014, Walmart.<br/>           Copyright (c) 2011-2013 Felix Geisendörfer, Andrew Kelley<br/>           All rights reserved.</p> <p>Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:</p> <p>* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.</p> <p>* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.</p> <p>* The names of any contributors may not be used to endorse or promote products derived from this software without specific prior written permission.</p> <p>THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDERS AND CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>== Copyright<br/>           Copyright (c) 2011-2013 Felix Geisendörfer, Andrew Kelley<br/>           Copyright (c) 2014, Walmart.<br/>           Copyright (c) 2014-2020, Sideway Inc, and project contributors</p> <p>----- (separator)<br/>           -----</p> <p>== Dependency<br/>           @hapi/podium</p> <p>== License Type<br/>           ===BSD-3-Clause--modified-by-Google-5bea25c5</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Copyright (c) 2016-2020, Sideway Inc, and project contributors</p> <p>All rights reserved.</p> <p>Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:</p> <ul style="list-style-type: none"> <li>* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.</li> <li>* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.</li> <li>* The names of any contributors may not be used to endorse or promote products derived from this software without specific prior written permission.</li> </ul> <p>THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDERS AND CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>== Copyright</p> <p>Copyright (c) 2016-2020, Sideway Inc, and project contributors</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>@hapi/shot</p> <p>== License Type</p> <p>===BSD-3-Clause--modified-by-Google-cf06a8bf</p> <p>Copyright (c) 2012-2021, Sideway Inc, and project contributors</p> <p>Copyright (c) 2012-2014, Walmart.</p> <p>All rights reserved.</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:</p> <ul style="list-style-type: none"> <li>* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.</li> <li>* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.</li> <li>* The names of any contributors may not be used to endorse or promote products derived from this software without specific prior written permission.</li> </ul> <p>THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDERS AND CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>== Copyright<br/>Copyright (c) 2012-2014, Walmart.<br/>Copyright (c) 2012-2021, Sideway Inc, and project contributors<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>@hapi/somever</p> <p>== License Type<br/>===BSD-3-Clause--modified-by-Google-e3324760<br/>Copyright (c) 2018-2020, Sideway Inc, and project contributors<br/>All rights reserved.</p> <p>Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:</p> <ul style="list-style-type: none"> <li>* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.</li> <li>* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following</li> </ul> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>disclaimer in the documentation and/or other materials provided with the distribution.</p> <p>* The names of any contributors may not be used to endorse or promote products derived from this software without specific prior written permission.</p> <p>THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDERS AND CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>== Copyright<br/>Copyright (c) 2018-2020, Sideway Inc, and project contributors</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>@hapi/statehood</p> <p>== License Type<br/>===BSD-3-Clause--modified-by-Google-73225059</p> <p>Copyright (c) 2014-2020, Sideway Inc, and project contributors</p> <p>Copyright (c) 2014, Walmart.</p> <p>All rights reserved.</p> <p>Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:</p> <p>* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.</p> <p>* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.</p> <p>* The names of any contributors may not be used to endorse or promote products derived from this software without specific prior written permission.</p> <p>THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY</p> |

Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDERS AND CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>== Copyright<br/>Copyright (c) 2014, Walmart.<br/>Copyright (c) 2014-2020, Sideway Inc, and project contributors</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>@hapi/subtext</p> <p>== License Type<br/>===BSD-3-Clause--modified-by-Google-c2f56dac</p> <p>Copyright (c) 2012-2019, Sideway Inc, and project contributors<br/>Copyright (c) 2012-2014, Walmart.<br/>All rights reserved.</p> <p>Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:</p> <p>* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.</p> <p>* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.</p> <p>* The names of any contributors may not be used to endorse or promote products derived from this software without specific prior written permission.</p> <p>THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDERS AND CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL,</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>== Copyright<br/>Copyright (c) 2012-2014, Walmart.<br/>Copyright (c) 2012-2019, Sideway Inc, and project contributors<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>@hapi/teamwork</p> <p>== License Type<br/>===BSD-3-Clause--modified-by-Google-dc62cefd</p> <p>Copyright (c) 2015-2020, Sideway Inc, and project contributors<br/>All rights reserved.</p> <p>Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:</p> <ul style="list-style-type: none"> <li>* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.</li> <li>* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.</li> <li>* The names of any contributors may not be used to endorse or promote products derived from this software without specific prior written permission.</li> </ul> <p>THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDERS AND CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>== Copyright<br/>Copyright (c) 2015-2020, Sideway Inc, and project contributors</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>@hapi/topo</p> <p>== License Type<br/>===BSD-3-Clause--modified-by-Google-39aa1980</p> <p>Copyright (c) 2012-2020, Sideway Inc, and project contributors</p> <p>Copyright (c) 2012-2014, Walmart.</p> <p>All rights reserved.</p> <p>Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:</p> <p>* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.</p> <p>* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.</p> <p>* The names of any contributors may not be used to endorse or promote products derived from this software without specific prior written permission.</p> <p>THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDERS AND CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>== Copyright<br/>Copyright (c) 2012-2014, Walmart.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Copyright (c) 2012-2020, Sideway Inc, and project contributors</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>@hapi/validate</p> <p>== License Type</p> <p>===BSD-3-Clause--modified-by-Google-3cc907c2</p> <p>Copyright (c) 2012-2020, Sideway Inc, and project contributors</p> <p>Copyright (c) 2012-2014, Walmart.</p> <p>All rights reserved.</p> <p>Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:</p> <p>* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.</p> <p>* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.</p> <p>* The names of any contributors may not be used to endorse or promote products derived from this software without specific prior written permission.</p> <p>THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDERS AND CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>== Copyright</p> <p>Copyright (c) 2012-2014, Walmart.</p> <p>Copyright (c) 2012-2020, Sideway Inc, and project contributors</p> <p>----- (separator)</p> <p>-----</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>== Dependency<br/>@hapi/vise</p> <p>== License Type<br/>===BSD-3-Clause--modified-by-Google-73225059</p> <p>Copyright (c) 2014-2020, Sideway Inc, and project contributors<br/>Copyright (c) 2014, Walmart.<br/>All rights reserved.</p> <p>Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:</p> <p>* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.</p> <p>* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.</p> <p>* The names of any contributors may not be used to endorse or promote products derived from this software without specific prior written permission.</p> <p>THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDERS AND CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>== Copyright<br/>Copyright (c) 2014, Walmart.<br/>Copyright (c) 2014-2020, Sideway Inc, and project contributors</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>@hapi/vision</p> <p>== License Type<br/>===BSD-3-Clause--modified-by-Google-c095b34f</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Copyright (c) 2012-2020, Sideway Inc, and project contributors</p> <p>Copyright (c) 2012-2015, Walmart.</p> <p>All rights reserved.</p> <p>Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:</p> <p>* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.</p> <p>* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.</p> <p>* The names of any contributors may not be used to endorse or promote products derived from this software without specific prior written permission.</p> <p>THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDERS AND CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>== Copyright</p> <p>Copyright (c) 2012-2015, Walmart.</p> <p>Copyright (c) 2012-2020, Sideway Inc, and project contributors</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>@hapi/wreck</p> <p>== License Type</p> <p>===BSD-3-Clause--modified-by-Google-8842ab00</p> <p>Copyright (c) 2012-2022, Sideway Inc, and project contributors</p> <p>Copyright (c) 2012-2014, Walmart.</p> <p>All rights reserved.</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:</p> <ul style="list-style-type: none"> <li>* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.</li> <li>* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.</li> <li>* The names of any contributors may not be used to endorse or promote products derived from this software without specific prior written permission.</li> </ul> <p>THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDERS AND CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>== Copyright<br/>Copyright (c) 2012-2014, Walmart.<br/>Copyright (c) 2012-2022, Sideway Inc, and project contributors<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>@jridgewell/resolve-uri<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright 2019 Justin Ridgewell &lt;jridgewell@google.com&gt;<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>@jridgewell/sourcemap-codec<br/>== License Type</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) 2015 Rich Harris</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>@jridgewell/trace-mapping</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright 2022 Justin Ridgewell &lt;justin@ridgewell.name&gt;</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>@kwsites/file-exists</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) 2015 Steve King</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>@kwsites/promise-deferred</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) 2018 kwsites</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>@mapbox/hast-util-table-cell-style</p> <p>== License Type</p> <p>===BSD-2-Clause-37eb13ea</p> <p>Copyright (c) 2018, Mapbox</p> <p>All rights reserved.</p> <p>Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:</p> <p>1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>2. Redistributions in binary form must reproduce the above copyright notice,<br/>this list of conditions and the following disclaimer in the documentation<br/>and/or other materials provided with the distribution.</p> <p>THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>The views and conclusions contained in the software and documentation are those of the authors and should not be interpreted as representing official policies, either expressed or implied, of the FreeBSD Project.</p> <p>== Copyright<br/>Copyright (c) 2018, Mapbox<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>@mrmlnc/readdir-enhanced<br/>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2016 James Messinger<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>@nodelib/fs.scandir<br/>== License Type<br/>SPDX:MIT</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <pre> == Copyright Copyright (c) Denis Malinochkin ----- (separator) -----  == Dependency @nodelib/fs.stat  == License Type SPDX:MIT  == Copyright Copyright (c) Denis Malinochkin ----- (separator) -----  == Dependency @nodelib/fs.walk  == License Type SPDX:MIT  == Copyright Copyright (c) Denis Malinochkin ----- (separator) -----  == Dependency @npmcli/fs  == License Type ===ISC-c637d431  &lt;!-- This file is automatically added by @npmcli/template- oss. Do not edit. --&gt;  ISC License  Copyright npm, Inc.  Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.  THE SOFTWARE IS PROVIDED "AS IS" AND NPM DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL NPM BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES </pre> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS,<br/>WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER<br/>TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE<br/>USE OR PERFORMANCE OF THIS SOFTWARE.</p> <p>== Copyright<br/>Copyright (c) 2011-2017 JP Richardson<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>@npmcli/move-file<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) Sindre Sorhus &lt;sindresorhus@gmail.com&gt;<br/>(https://sindresorhus.com)<br/>Copyright (c) npm, Inc.<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>@opensearch-project/opensearch<br/>== License Type<br/>SPDX:Apache-2.0<br/>== Copyright<br/>(no copyright notices found)<br/>== Notices<br/>OpenSearch (https://opensearch.org/)<br/>Copyright OpenSearch Contributors<br/>This product includes software developed by<br/>Elasticsearch (http://www.elastic.co).<br/>This product includes software developed by The Apache<br/>Software<br/>Foundation (http://www.apache.org/).<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>@osd/expect<br/>== License Type<br/>SPDX:MIT<br/>== Copyright</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Copyright (c) 2011 Guillermo Rauch<br/>&lt;guillermo@learnboost.com&gt;</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>@popperjs/core</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2019 Federico Zivolo</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>@reduxjs/toolkit</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2018 Mark Erikson<br/>Copyright (c) Facebook, Inc. and its affiliates.<br/>Copyright 2018-2021 the Deno authors. All rights reserved.<br/>MIT license.</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>@types/glob</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) Microsoft Corporation.</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>@types/lodash</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) Microsoft Corporation.</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>@types/minimatch</p> <p>== License Type</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | SPDX:MIT<br>== Copyright<br>Copyright (c) Microsoft Corporation.<br>----- (separator)<br>-----<br>== Dependency<br>@types/node<br>== License Type<br>SPDX:MIT<br>== Copyright<br>Copyright (c) Microsoft Corporation.<br>----- (separator)<br>-----<br>== Dependency<br>@types/prop-types<br>== License Type<br>SPDX:MIT<br>== Copyright<br>Copyright (c) Microsoft Corporation.<br>----- (separator)<br>-----<br>== Dependency<br>@types/react-redux<br>== License Type<br>SPDX:MIT<br>== Copyright<br>Copyright (c) Microsoft Corporation.<br>----- (separator)<br>-----<br>== Dependency<br>@types/react<br>== License Type<br>SPDX:MIT<br>== Copyright<br>Copyright (c) Microsoft Corporation.<br>----- (separator)<br>-----<br>== Dependency<br>@types/tapable<br>== License Type<br>SPDX:MIT |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>== Copyright<br/>Copyright (c) Microsoft Corporation.<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>@types/webpack<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) Microsoft Corporation.<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>@types/yaupl<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) Microsoft Corporation.<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>@webassemblyjs/ast<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) 2018 Sven Sauleau &lt;sven@sauleau.com&gt;<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>@webassemblyjs/floating-point-hex-parser<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) 2017 Mauro Bringolf<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>@webassemblyjs/helper-api-error<br/>== License Type<br/>SPDX:MIT<br/>== Copyright</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Copyright (c) 2018 Sven Sauleau &lt;sven@sauleau.com&gt;<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>@webassemblyjs/helper-buffer</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2018 Sven Sauleau &lt;sven@sauleau.com&gt;<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>@webassemblyjs/helper-code-frame</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2018 Sven Sauleau &lt;sven@sauleau.com&gt;<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>@webassemblyjs/helper-fsm</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2018 Sven Sauleau &lt;sven@sauleau.com&gt;<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>@webassemblyjs/helper-module-context</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2018 Sven Sauleau &lt;sven@sauleau.com&gt;<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>@webassemblyjs/helper-wasm-bytecode</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2018 Sven Sauleau &lt;sven@sauleau.com&gt;</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>@webassemblyjs/helper-wasm-section</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2018 Sven Sauleau &lt;sven@sauleau.com&gt;</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>@webassemblyjs/ieee754</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2018 Sven Sauleau &lt;sven@sauleau.com&gt;</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>@webassemblyjs/leb128</p> <p>== License Type<br/>SPDX:Apache-2.0</p> <p>== Copyright<br/>Copyright 2012 The Obvious Corporation.</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>@webassemblyjs/utf8</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2018 Sven Sauleau &lt;sven@sauleau.com&gt;</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>@webassemblyjs/wasm-edit</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2018 Sven Sauleau &lt;sven@sauleau.com&gt;</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>@webassemblyjs/wasm-gen</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2018 Sven Sauleau &lt;sven@sauleau.com&gt;</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>@webassemblyjs/wasm-opt</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2018 Sven Sauleau &lt;sven@sauleau.com&gt;</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>@webassemblyjs/wasm-parser</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2018 Sven Sauleau &lt;sven@sauleau.com&gt;</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>@webassemblyjs/wast-parser</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2018 Sven Sauleau &lt;sven@sauleau.com&gt;</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>@webassemblyjs/wast-printer</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2018 Sven Sauleau &lt;sven@sauleau.com&gt;</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>@xobotyi/scrollbar-width<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) 2019 Anton Zinovyev<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>@xtuc/ieee754<br/>== License Type<br/>===BSD-3-Clause--modified-by-Google-b4fc19bb<br/>Copyright (c) 2008, Fair Oaks Labs, Inc.<br/>All rights reserved.<br/>Redistribution and use in source and binary forms, with or without<br/>modification, are permitted provided that the following<br/>conditions are met:<br/>* Redistributions of source code must retain the above<br/>copyright notice,<br/>this list of conditions and the following disclaimer.<br/>* Redistributions in binary form must reproduce the above<br/>copyright notice,<br/>this list of conditions and the following disclaimer in the<br/>documentation<br/>and/or other materials provided with the distribution.<br/>* Neither the name of Fair Oaks Labs, Inc. nor the names of<br/>its contributors<br/>may be used to endorse or promote products derived from<br/>this software<br/>without specific prior written permission.<br/>THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT<br/>HOLDERS AND CONTRIBUTORS "AS IS"<br/>AND ANY EXPRESS OR IMPLIED WARRANTIES,<br/>INCLUDING, BUT NOT LIMITED TO, THE<br/>IMPLIED WARRANTIES OF MERCHANTABILITY AND<br/>FITNESS FOR A PARTICULAR PURPOSE<br/>ARE DISCLAIMED. IN NO EVENT SHALL THE<br/>COPYRIGHT OWNER OR CONTRIBUTORS BE<br/>LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,<br/>SPECIAL, EXEMPLARY, OR<br/>CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT<br/>LIMITED TO, PROCUREMENT OF</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>== Copyright<br/>Copyright (c) 2008, Fair Oaks Labs, Inc.<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>@xtuc/long</p> <p>== License Type<br/>SPDX:Apache-2.0</p> <p>== Copyright<br/>(no copyright notices found)<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>JSONStream</p> <p>== License Type<br/>SPDX:Apache-2.0</p> <p>== Copyright<br/>Copyright (c) 2011 Dominic Tarr<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>abbrev</p> <p>== License Type<br/>===ISC-e9c0b639</p> <p>This software is dual-licensed under the ISC and MIT licenses.<br/>You may use this software under EITHER of the following licenses.<br/>-----</p> <p>The ISC License<br/>Copyright (c) Isaac Z. Schlueter and Contributors<br/>Permission to use, copy, modify, and/or distribute this software for any</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>purpose with or without fee is hereby granted, provided that the above<br/>copyright notice and this permission notice appear in all copies.</p> <p>THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES<br/>WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF<br/>MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR<br/>ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES<br/>WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN<br/>ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR<br/>IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.</p> <p>-----</p> <p>Copyright Isaac Z. Schlueter and Contributors<br/>All rights reserved.</p> <p>Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation<br/>files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use,<br/>copy, modify, merge, publish, distribute, sublicense, and/or sell<br/>copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:</p> <p>The above copyright notice and this permission notice shall be<br/>included in all copies or substantial portions of the Software.</p> <p>THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND,<br/>EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES<br/>OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND<br/>NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT<br/>HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY,<br/>WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.</p> <p>== Copyright<br/>Copyright (c) Isaac Z. Schlueter and Contributors<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>abort-controller<br/>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2017 Toru Nagashima<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>abortcontroller-polyfill<br/>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2017 molsson<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>acorn<br/>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (C) 2012-2018 by various contributors (see AUTHORS)<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>after-all-results<br/>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2014 Thomas Watson Steen<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>agent-base</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2013 Nathan Rajlich<br/>&lt;nathan@tootallnate.net&gt;<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>agent-base</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2013 Nathan Rajlich<br/>&lt;nathan@tootallnate.net&gt;<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>agentkeepalive</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>(no copyright notices found)<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>agentkeepalive</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>(no copyright notices found)<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>aggregate-error</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) Sindre Sorhus &lt;sindresorhus@gmail.com&gt;<br/>(sindresorhus.com)<br/>----- (separator)<br/>-----</p> <p>== Dependency</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>ajv-errors</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2017 Evgeny Poberezkin</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>ajv-keywords</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2016 Evgeny Poberezkin</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>ajv</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2015-2017 Evgeny Poberezkin<br/>Copyright 2011 Gary Court. All rights reserved.</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>amdefine</p> <p>== License Type<br/>===BSD-3-Clause-539b1c7a</p> <p>amdefine is released under two licenses: new BSD, and MIT.<br/>You may pick the<br/>license that best suits your development needs. The text of<br/>both licenses are<br/>provided below.</p> <p>The "New" BSD License:<br/>-----</p> <p>Copyright (c) 2011-2016, The Dojo Foundation<br/>All rights reserved.</p> <p>Redistribution and use in source and binary forms, with or<br/>without<br/>modification, are permitted provided that the following<br/>conditions are met:</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.</p> <p>* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.</p> <p>* Neither the name of the Dojo Foundation nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.</p> <p>THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>MIT License<br/>-----</p> <p>Copyright (c) 2011-2016, The Dojo Foundation</p> <p>Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>The above copyright notice and this permission notice shall be included in<br/>all copies or substantial portions of the Software.</p> <p>THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.</p> <p>== Copyright<br/>Copyright (c) 2011-2016, The Dojo Foundation<br/>Copyright (c) 2011-2016, The Dojo Foundation All Rights Reserved.</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>angular-elastic</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2014 Monospaced</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>angular-sanitize</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2010-2015 Google, Inc. <a href="http://angularjs.org">http://angularjs.org</a><br/>Copyright (c) 2016 Angular</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>angular</p> <p>== License Type<br/>SPDX:MIT</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>== Copyright<br/>Copyright (c) 2010-2015 Google, Inc. <a href="http://angularjs.org">http://angularjs.org</a><br/>Copyright (c) 2016 Angular<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>ansi-colors<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) 2015-present, Brian Woodward.<br/>Copyright © 2018, [Brian Woodward](<a href="https://github.com/doowb">https://github.com/doowb</a>).<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>ansi-escapes<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) Sindre Sorhus &lt;<a href="mailto:sindresorhus@gmail.com">sindresorhus@gmail.com</a>&gt;<br/>(<a href="https://sindresorhus.com">https://sindresorhus.com</a>)<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>ansi-regex<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) Sindre Sorhus &lt;<a href="mailto:sindresorhus@gmail.com">sindresorhus@gmail.com</a>&gt;<br/>(<a href="https://sindresorhus.com">sindresorhus.com</a>)<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>ansi-styles<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) Sindre Sorhus &lt;<a href="mailto:sindresorhus@gmail.com">sindresorhus@gmail.com</a>&gt;<br/>(<a href="https://sindresorhus.com">sindresorhus.com</a>)<br/>----- (separator)<br/>-----</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <pre> == Dependency ansi-styles  == License Type SPDX:MIT  == Copyright Copyright (c) Sindre Sorhus &lt;sindresorhus@gmail.com&gt; (sindresorhus.com)  ----- (separator) -----  == Dependency ansi-styles  == License Type SPDX:MIT  == Copyright Copyright (c) Sindre Sorhus &lt;sindresorhus@gmail.com&gt; (sindresorhus.com)  ----- (separator) -----  == Dependency ansi-styles  == License Type SPDX:MIT  == Copyright Copyright (c) Sindre Sorhus &lt;sindresorhus@gmail.com&gt; (sindresorhus.com)  ----- (separator) -----  == Dependency ansi-wrap  == License Type SPDX:MIT  == Copyright Copyright (c) 2015, Jon Schlinkert. Copyright © 2015 Jon Schlinkert  ----- (separator) -----  == Dependency anymatch  == License Type ===ISC-12cd52dd  The ISC License </pre> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Copyright (c) 2019 Elan Shanker, Paul Miller (<a href="https://paulmillr.com">https://paulmillr.com</a>)</p> <p>Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.</p> <p>THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.</p> <p>== Copyright</p> <p>Copyright (c) 2019 Elan Shanker, Paul Miller (<a href="https://paulmillr.com">https://paulmillr.com</a>)</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>anymatch</p> <p>== License Type</p> <p>===ISC-12cd52dd</p> <p>The ISC License</p> <p>Copyright (c) 2019 Elan Shanker, Paul Miller (<a href="https://paulmillr.com">https://paulmillr.com</a>)</p> <p>Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.</p> <p>THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.</p> <p>== Copyright<br/>Copyright (c) 2019 Elan Shanker, Paul Miller (<a href="https://paulmillr.com">https://paulmillr.com</a>)<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>append-buffer</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2017, Brian Woodward.<br/>Copyright © 2017, [Brian Woodward](<a href="https://doowb.com">https://doowb.com</a>).<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>aproba</p> <p>== License Type<br/>===ISC-9d215c92</p> <p>Copyright (c) 2015, Rebecca Turner &lt;<a href="mailto:me@re-becca.org">me@re-becca.org</a>&gt;<br/>Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.</p> <p>THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.</p> <p>== Copyright<br/>Copyright (c) 2015, Rebecca Turner &lt;me@re-becca.org&gt;<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>are-we-there-yet</p> <p>== License Type<br/>===ISC-039a23da<br/>Copyright (c) 2015, Rebecca Turner<br/>Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.<br/><br/>THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.</p> <p>== Copyright<br/>Copyright (c) 2015, Rebecca Turner<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>argparse</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (C) 2012 by Vitaly Puzrin<br/>Copyright (c) 2012 [Vitaly Puzrin](https://github.com/puzrin).<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>argparse</p> <p>== License Type<br/>SPDX:MIT</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>== Copyright<br/>Copyright (C) 2012 by Vitaly Puzrin<br/>Copyright (c) 2012 [Vitaly Puzrin](https://github.com/puzrin).<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>arr-diff<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) 2014-2017, Jon Schlinkert<br/>Copyright (c) 2014-2017, Jon Schlinkert.<br/>Copyright © 2017, [Jon Schlinkert](https://github.com/jonschlinkert).<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>arr-flatten<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) 2014-2017, Jon Schlinkert.<br/>Copyright © 2017, [Jon Schlinkert](https://github.com/jonschlinkert).<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>arr-union<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) 2014-2016, Jon Schlinkert.<br/>Copyright © 2016 [Jon Schlinkert](https://github.com/jonschlinkert)<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>array-find<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) Stefan Duberg</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>array-union<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) Sindre Sorhus &lt;sindresorhus@gmail.com&gt;<br/>(sindresorhus.com)</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>array-union<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) Sindre Sorhus &lt;sindresorhus@gmail.com&gt;<br/>(sindresorhus.com)</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>array-uniq<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) Sindre Sorhus &lt;sindresorhus@gmail.com&gt;<br/>(sindresorhus.com)</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>array-unique<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) 2014-2015, Jon Schlinkert.<br/>Copyright (c) 2014-2016, Jon Schlinkert<br/>Copyright © 2016, [Jon Schlinkert](https://github.com/jonschlinkert).</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>arrify</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) Sindre Sorhus &lt;sindresorhus@gmail.com&gt;<br/>(sindresorhus.com)<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>arrify</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) Sindre Sorhus &lt;sindresorhus@gmail.com&gt;<br/>(sindresorhus.com)<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>asn1.js</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2017 Fedor Indutny<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>asn1</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2011 Mark Cavage, All rights reserved.<br/>Copyright 2011 Mark Cavage &lt;mcavage@gmail.com&gt; All<br/>rights reserved.<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>assert-plus</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2012 Mark Cavage<br/>Copyright (c) 2012, Mark Cavage. All rights reserved.<br/>Copyright 2015 Joyent, Inc.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>assert<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) 2009 Thomas Robinson &lt;280north.com&gt;<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>assign-symbols<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) 2015, Jon Schlinkert.<br/>Copyright © 2015 Jon Schlinkert<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>async-cache<br/>== License Type<br/>===ISC-90a3ca01<br/>The ISC License<br/>Copyright (c) Isaac Z. Schlueter<br/>Permission to use, copy, modify, and/or distribute this<br/>software for any<br/>purpose with or without fee is hereby granted, provided that<br/>the above<br/>copyright notice and this permission notice appear in all<br/>copies.<br/>THE SOFTWARE IS PROVIDED "AS IS" AND THE<br/>AUTHOR DISCLAIMS ALL WARRANTIES<br/>WITH REGARD TO THIS SOFTWARE INCLUDING ALL<br/>IMPLIED WARRANTIES OF<br/>MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL<br/>THE AUTHOR BE LIABLE FOR<br/>ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL<br/>DAMAGES OR ANY DAMAGES<br/>WHATSOEVER RESULTING FROM LOSS OF USE, DATA<br/>OR PROFITS, WHETHER IN AN<br/>ACTION OF CONTRACT, NEGLIGENCE OR OTHER<br/>TORTIOUS ACTION, ARISING OUT OF OR</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.</p> <p>== Copyright<br/>Copyright (c) Isaac Z. Schlueter<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>async-each</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2016 Paul Miller [(paulmillr.com)](http://paulmillr.com)<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>async-foreach</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2011 "Cowboy" Ben Alman<br/>Copyright (c) 2012 "Cowboy" Ben Alman<br/>Copyright (c) 2012 "Cowboy" Ben Alman',<br/>Copyright (c) 2012 "Cowboy" Ben Alman; Licensed MIT */<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>async-value-promise</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2018 Stephen Belanger<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>async-value</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2018 Stephen Belanger<br/>----- (separator)<br/>-----</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>== Dependency<br/>async</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2010-2018 Caolan McMahon</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>asyncnckit</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2016 Alex Indigo</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>atob</p> <p>== License Type<br/>===Apache-2.0-493adefc</p> <p>At your option you may choose either of the following licenses:</p> <p>* The MIT License (MIT)</p> <p>* The Apache License 2.0 (Apache-2.0)</p> <p>The MIT License (MIT)</p> <p>Copyright (c) 2015 AJ O'Neal</p> <p>Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:</p> <p>The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.</p> <p>THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.</p> <p>Apache License<br/>Version 2.0, January 2004<br/><a href="http://www.apache.org/licenses/">http://www.apache.org/licenses/</a></p> <p>TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION</p> <p>1. Definitions.</p> <p>"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.</p> <p>"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.</p> <p>"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.</p> <p>"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.</p> <p>"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.</p> <p>"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>not limited to compiled object code, generated documentation,<br/>and conversions to other media types.</p> <p>"Work" shall mean the work of authorship, whether in Source or<br/>Object form, made available under the License, as indicated by a<br/>copyright notice that is included in or attached to the work<br/>(an example is provided in the Appendix below).</p> <p>"Derivative Works" shall mean any work, whether in Source or Object<br/>form, that is based on (or derived from) the Work and for which the<br/>editorial revisions, annotations, elaborations, or other modifications<br/>represent, as a whole, an original work of authorship. For the purposes<br/>of this License, Derivative Works shall not include works that remain<br/>separable from, or merely link (or bind by name) to the interfaces of,<br/>the Work and Derivative Works thereof.</p> <p>"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions<br/>to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner<br/>or by an individual or Legal Entity authorized to submit on behalf of<br/>the copyright owner. For the purposes of this definition, "submitted"<br/>means any form of electronic, verbal, or written communication sent<br/>to the Licensor or its representatives, including but not limited to<br/>communication on electronic mailing lists, source code control systems,<br/>and issue tracking systems that are managed by, or on behalf of, the<br/>Licensor for the purpose of discussing and improving the Work, but<br/>excluding communication that is conspicuously marked or otherwise<br/>designated in writing by the copyright owner as "Not a Contribution."</p> <p>"Contributor" shall mean Licensor and any individual or Legal Entity</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.</p> <p>2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.</p> <p>3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.</p> <p>4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:</p> <p>(a) You must give any other recipients of the Work or Derivative Works a copy of this License; and</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>(b) You must cause any modified files to carry prominent notices<br/>stating that You changed the files; and</p> <p>(c) You must retain, in the Source form of any Derivative Works<br/>that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and</p> <p>(d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must<br/>include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or,<br/>within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents<br/>of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided<br/>that such additional attribution notices cannot be construed as modifying the License.</p> <p>You may add Your own copyright statement to Your modifications and<br/>may provide additional or different license terms and conditions<br/>for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with<br/>the conditions stated in this License.</p> <p>5. Submission of Contributions. Unless You explicitly state otherwise,<br/>any Contribution intentionally submitted for inclusion in the Work<br/>by You to the Licensor shall be under the terms and conditions of<br/>this License, without any additional terms or conditions.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.</p> <p>6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.</p> <p>7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.</p> <p>8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.</p> <p>END OF TERMS AND CONDITIONS</p> <p>APPENDIX: How to apply the Apache License to your work.</p> <p>To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "{}" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.</p> <p>Copyright 2015 AJ ONeal</p> <p>Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License.</p> <p>You may obtain a copy of the License at <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.</p> <p>See the License for the specific language governing permissions and limitations under the License.</p> <p>== Copyright</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Copyright (c) 2015 AJ O'Neal<br/> Copyright 2015 AJ O'Neal<br/> copyright 2012-2018 AJ O'Neal<br/> ----- (separator)<br/> -----</p> <p>== Dependency<br/> atomic-sleep<br/> == License Type<br/> SPDX:MIT<br/> == Copyright<br/> Copyright (c) 2020 David Mark Clements<br/> ----- (separator)<br/> -----</p> <p>== Dependency<br/> attr-accept<br/> == License Type<br/> SPDX:MIT<br/> == Copyright<br/> Copyright (c) 2015 Andrey Okonetchnikov<br/> ----- (separator)<br/> -----</p> <p>== Dependency<br/> autobind-decorator<br/> == License Type<br/> SPDX:MIT<br/> == Copyright<br/> Copyright (c) 2017 Andrey Popp<br/> copyright 2015, Andrey Popp &lt;8mayday@gmail.com&gt;<br/> ----- (separator)<br/> -----</p> <p>== Dependency<br/> autoprefixer<br/> == License Type<br/> SPDX:MIT<br/> == Copyright<br/> Copyright 2013 Andrey Sitnik &lt;andrey@sitnik.ru&gt;<br/> ----- (separator)<br/> -----</p> <p>== Dependency<br/> aws-sign2<br/> == License Type</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | SPDX:Apache-2.0<br>== Copyright<br>Copyright 2010 LearnBoost <dev@learnboost.com><br>----- (separator)<br>-----<br>== Dependency<br>aws4<br>== License Type<br>SPDX:MIT<br>== Copyright<br>Copyright 2013 Michael Hart (michael.hart.au@gmail.com)<br>----- (separator)<br>-----<br>== Dependency<br>axios<br>== License Type<br>SPDX:MIT<br>== Copyright<br>Copyright (c) 2014-present Matt Zabriskie<br>----- (separator)<br>-----<br>== Dependency<br>babel-loader<br>== License Type<br>SPDX:MIT<br>== Copyright<br>Copyright (c) 2014-2019 Luís Couto <hello@luiscouto.pt><br>----- (separator)<br>-----<br>== Dependency<br>babel-plugin-dynamic-import-node<br>== License Type<br>SPDX:MIT<br>== Copyright<br>Copyright (c) 2016 Airbnb<br>----- (separator)<br>-----<br>== Dependency<br>babel-plugin-polyfill-corejs2<br>== License Type<br>SPDX:MIT |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>== Copyright<br/>Copyright (c) 2014-present Nicolò Ribaudo and other contributors<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>babel-plugin-polyfill-corejs3</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2014-present Nicolò Ribaudo and other contributors<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>babel-plugin-polyfill-regenerator</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2014-present Nicolò Ribaudo and other contributors<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>babel-plugin-styled-components</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2016-present Vladimir Danchenkov and Maximilian Stoiber<br/>Copyright © 2016-present Vladimir Danchenkov and Maximilian Stoiber.<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>babel-plugin-transform-react-remove-prop-types</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2015 Nikita Gusakov<br/>----- (separator)<br/>-----</p> <p>== Dependency</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>bail</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2015 Titus Wormer &lt;tituswormer@gmail.com&gt;<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>balanced-match</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2013 Julian Gruber<br/>&amp;lt;julian@juliangruber.com&amp;gt;<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>base64-js</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2014 Jameson Little<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>base64url</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2013–2016 Brian J. Brennan<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>base</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2015-2017, Jon Schlinkert.<br/>Copyright © 2017, [Jon Schlinkert](https://github.com/jonschlinkert).<br/>----- (separator)<br/>-----</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>== Dependency<br/>basic-auth</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2013 TJ Holowaychuk<br/>Copyright (c) 2014 Jonathan Ong &lt;me@jongleberry.com&gt;<br/>Copyright (c) 2015-2016 Douglas Christopher Wilson<br/>&lt;doug@somethingdoug.com&gt;</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>bcrypt-pbkdf</p> <p>== License Type<br/>===BSD-3-Clause--modified-by-Google-aaf6ebb9</p> <p>The Blowfish portions are under the following license:<br/>Blowfish block cipher for OpenBSD<br/>Copyright 1997 Niels Provos &lt;provos@physnet.uni-hamburg.de&gt;<br/>All rights reserved.<br/>Implementation advice by David Mazieres<br/>&lt;dm@lcs.mit.edu&gt;.</p> <p>Redistribution and use in source and binary forms, with or without<br/>modification, are permitted provided that the following<br/>conditions<br/>are met:</p> <ol style="list-style-type: none"> <li>1. Redistributions of source code must retain the above<br/>copyright<br/>notice, this list of conditions and the following disclaimer.</li> <li>2. Redistributions in binary form must reproduce the above<br/>copyright<br/>notice, this list of conditions and the following disclaimer in the<br/>documentation and/or other materials provided with the<br/>distribution.</li> <li>3. The name of the author may not be used to endorse or<br/>promote products<br/>derived from this software without specific prior written<br/>permission.</li> </ol> <p>THIS SOFTWARE IS PROVIDED BY THE AUTHOR ``AS<br/>IS" AND ANY EXPRESS OR<br/>IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED<br/>TO, THE IMPLIED WARRANTIES</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED.</p> <p>IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT,</p> <p>INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>The bcrypt_pbkdf portions are under the following license:</p> <p>Copyright (c) 2013 Ted Unangst &lt;tedu@openbsd.org&gt;</p> <p>Permission to use, copy, modify, and distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.</p> <p>THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.</p> <p>Performance improvements (Javascript-specific):</p> <p>Copyright 2016, Joyent Inc</p> <p>Author: Alex Wilson &lt;alex.wilson@joyent.com&gt;</p> <p>Permission to use, copy, modify, and distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.</p> <p>== Copyright<br/>Copyright (c) 2013 Ted Unangst &lt;tedu@openbsd.org&gt;<br/>Copyright 1997 Niels Provos &lt;provos@physnet.uni-hamburg.de&gt;<br/>Copyright 2016, Joyent Inc<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>big.js<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) 2018 Michael McLaughlin<br/>Copyright (c) 2018 Michael McLaughlin &lt;M8ch88l@gmail.com&gt;<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>binary-extensions<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) 2019 Sindre Sorhus &lt;sindresorhus@gmail.com&gt; (<a href="https://sindresorhus.com">https://sindresorhus.com</a>), Paul Miller (<a href="https://paulmillr.com">https://paulmillr.com</a>)<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>binary-extensions<br/>== License Type</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | SPDX:MIT<br>== Copyright<br>Copyright (c) 2019 Sindre Sorhus<br><sindresorhus@gmail.com> (https://sindresorhus.com), Paul<br>Miller (https://paulmillr.com)<br>----- (separator)<br>-----<br>== Dependency<br>bindings<br>== License Type<br>SPDX:MIT<br>== Copyright<br>Copyright (c) 2012 Nathan Rajlich<br>&lt;nathan@tootallnate.net&gt;<br>----- (separator)<br>-----<br>== Dependency<br>bl<br>== License Type<br>SPDX:MIT<br>== Copyright<br>Copyright (c) 2013-2019 bl contributors<br>Copyright (c) 2013-2019 bl contributors (listed above).<br>----- (separator)<br>-----<br>== Dependency<br>bluebird<br>== License Type<br>SPDX:MIT<br>== Copyright<br>Copyright (c) 2013-2017 Petka Antonov<br>Copyright (c) 2013-2018 Petka Antonov<br>----- (separator)<br>-----<br>== Dependency<br>bluebird<br>== License Type<br>SPDX:MIT<br>== Copyright<br>Copyright (c) 2013-2017 Petka Antonov<br>Copyright (c) 2013-2018 Petka Antonov |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>bn.js</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>(no copyright notices found)</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>bn.js</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>(no copyright notices found)</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>brace-expansion</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2013 Julian Gruber<br/>&amp;lt;julian@juliangruber.com&gt;;<br/>Copyright (c) 2013 Julian Gruber &lt;julian@juliangruber.com&gt;</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>brace</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2010, Ajax.org B.V.<br/>Copyright 2013 Thorsten Lorenz.</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>braces</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Copyright (c) 2014-2018, Jon Schlinkert.<br/> Copyright © 2019, [Jon Schlinkert](https://github.com/jonschlinkert).<br/> ----- (separator)<br/> -----</p> <p>== Dependency<br/> braces<br/> == License Type<br/> SPDX:MIT<br/> == Copyright<br/> Copyright (c) 2014-2018, Jon Schlinkert.<br/> Copyright © 2019, [Jon Schlinkert](https://github.com/jonschlinkert).<br/> ----- (separator)<br/> -----</p> <p>== Dependency<br/> breadth-filter<br/> == License Type<br/> SPDX:MIT<br/> == Copyright<br/> Copyright (c) 2019 Stephen Belanger<br/> ----- (separator)<br/> -----</p> <p>== Dependency<br/> brorand<br/> == License Type<br/> SPDX:MIT<br/> == Copyright<br/> (no copyright notices found)<br/> ----- (separator)<br/> -----</p> <p>== Dependency<br/> browserify-aes<br/> == License Type<br/> SPDX:MIT<br/> == Copyright<br/> Copyright (c) 2014-2017 browserify-aes contributors<br/> ----- (separator)<br/> -----</p> <p>== Dependency<br/> browserify-cipher<br/> == License Type</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) 2014-2017 Calvin Metcalf &amp; contributors</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>browserify-des</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) 2014-2017 Calvin Metcalf, Fedor Indutny &amp; contributors</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>browserify-rsa</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) 2014-2016 Calvin Metcalf &amp; contributors</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>browserify-sign</p> <p>== License Type</p> <p>===ISC-cfe28579</p> <p>Copyright (c) 2014-2015 Calvin Metcalf and browserify-sign contributors</p> <p>Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.</p> <p>THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.</p> <p>== Copyright<br/>Copyright (c) 2014-2015 Calvin Metcalf and browserify-sign contributors<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>browserify-zlib</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2014-2015 Devon Govett<br/>&lt;devongovett@gmail.com&gt;<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>browserslist</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright 2014 Andrey Sitnik &lt;andrey@sitnik.ru&gt; and other contributors<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>buffer-crc32</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2013 Brian J. Brennan<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>buffer-equal</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>(no copyright notices found)</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>buffer-from</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2016, 2018 Linus Unneback</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>buffer-xor</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2015 Daniel Cousens</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>buffer</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (C) [Feross Aboukhadijeh](http://feross.org), and other contributors. Originally forked from an MIT-licensed module by Romain Beauxis.<br/>Copyright (c) Feross Aboukhadijeh, and other contributors.</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>buffer</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (C) [Feross Aboukhadijeh](http://feross.org), and other contributors. Originally forked from an MIT-licensed module by Romain Beauxis.<br/>Copyright (c) Feross Aboukhadijeh, and other contributors.</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>buffer</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (C) [Feross Aboukhadijeh](http://feross.org), and other contributors. Originally forked from an MIT-licensed module by Romain Beauxis.<br/>Copyright (c) Feross Aboukhadijeh, and other contributors.<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>builtin-status-codes</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) Ben Drucker &lt;bvdrucker@gmail.com&gt; (bendrucker.me)<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>cacache</p> <p>== License Type<br/>===ISC-5324d196</p> <p>ISC License<br/>Copyright (c) npm, Inc.<br/>Permission to use, copy, modify, and/or distribute this software for<br/>any purpose with or without fee is hereby granted, provided that the<br/>above copyright notice and this permission notice appear in all copies.<br/><br/>THE SOFTWARE IS PROVIDED "AS IS" AND THE COPYRIGHT HOLDER DISCLAIMS<br/>ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED<br/>WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE<br/>COPYRIGHT HOLDER BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR<br/>CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS<br/>OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE<br/>OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE<br/>USE OR PERFORMANCE OF THIS SOFTWARE.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>== Copyright<br/>Copyright (c) npm, Inc.<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>cacache</p> <p>== License Type<br/>===ISC-5324d196</p> <p>ISC License<br/>Copyright (c) npm, Inc.<br/>Permission to use, copy, modify, and/or distribute this software for<br/>any purpose with or without fee is hereby granted, provided that the<br/>above copyright notice and this permission notice appear in all copies.<br/><br/>THE SOFTWARE IS PROVIDED "AS IS" AND THE COPYRIGHT HOLDER DISCLAIMS<br/>ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED<br/>WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE<br/>COPYRIGHT HOLDER BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR<br/>CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS<br/>OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE<br/>OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE<br/>USE OR PERFORMANCE OF THIS SOFTWARE.</p> <p>== Copyright<br/>Copyright (c) npm, Inc.<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>cacache</p> <p>== License Type<br/>===ISC-5324d196</p> <p>ISC License<br/>Copyright (c) npm, Inc.<br/>Permission to use, copy, modify, and/or distribute this software for</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.</p> <p>THE SOFTWARE IS PROVIDED "AS IS" AND THE COPYRIGHT HOLDER DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE COPYRIGHT HOLDER BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.</p> <p>== Copyright<br/>Copyright (c) npm, Inc.<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>cache-base</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2014-2017, Jon Schlinkert.<br/>Copyright © 2017, [Jon Schlinkert](https://github.com/jonschlinkert).<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>call-bind</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2020 Jordan Harband<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>call-me-maybe</p> <p>== License Type</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | SPDX:MIT<br>== Copyright<br>Copyright (c) 2015 Eric McCarthy<br>----- (separator)<br>-----<br>== Dependency<br>callsites<br>== License Type<br>SPDX:MIT<br>== Copyright<br>Copyright (c) Sindre Sorhus <sindresorhus@gmail.com><br>(sindresorhus.com)<br>----- (separator)<br>-----<br>== Dependency<br>camelcase-keys<br>== License Type<br>SPDX:MIT<br>== Copyright<br>Copyright (c) Sindre Sorhus <sindresorhus@gmail.com><br>(sindresorhus.com)<br>----- (separator)<br>-----<br>== Dependency<br>camelcase<br>== License Type<br>SPDX:MIT<br>== Copyright<br>Copyright (c) Sindre Sorhus <sindresorhus@gmail.com><br>(sindresorhus.com)<br>----- (separator)<br>-----<br>== Dependency<br>camelize<br>== License Type<br>SPDX:MIT<br>== Copyright<br>(no copyright notices found)<br>----- (separator)<br>-----<br>== Dependency<br>caniuse-lite |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>== License Type<br/>SPDX:CC-BY-4.0</p> <p>== Copyright<br/>(no copyright notices found)<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>caseless</p> <p>== License Type<br/>SPDX:Apache-2.0</p> <p>== Copyright<br/>(no copyright notices found)<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>ccount</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2015 Titus Wormer &lt;tituswormer@gmail.com&gt;<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>chalk</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) Sindre Sorhus &lt;sindresorhus@gmail.com&gt;<br/>(sindresorhus.com)<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>chalk</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) Sindre Sorhus &lt;sindresorhus@gmail.com&gt;<br/>(sindresorhus.com)<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>chalk</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) Sindre Sorhus &lt;sindresorhus@gmail.com&gt;<br/>(sindresorhus.com)<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>character-entities-html4</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2015 Titus Wormer &lt;tituswormer@gmail.com&gt;<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>character-entities-legacy</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2015 Titus Wormer &lt;tituswormer@gmail.com&gt;<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>character-entities</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2015 Titus Wormer &lt;tituswormer@gmail.com&gt;<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>character-reference-invalid</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2015 Titus Wormer &lt;tituswormer@gmail.com&gt;<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>chardet</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (C) 2018 Dmitry Shirokov<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>chokidar</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2012-2019 Paul Miller (<a href="https://paulmillr.com">https://paulmillr.com</a>),<br/>Elan Shanker<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>chokidar</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2012-2019 Paul Miller (<a href="https://paulmillr.com">https://paulmillr.com</a>),<br/>Elan Shanker<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>chownr</p> <p>== License Type<br/>==ISC-82703a69</p> <p>The ISC License<br/>Copyright (c) Isaac Z. Schlueter and Contributors<br/>Permission to use, copy, modify, and/or distribute this<br/>software for any<br/>purpose with or without fee is hereby granted, provided that<br/>the above<br/>copyright notice and this permission notice appear in all<br/>copies.</p> <p>THE SOFTWARE IS PROVIDED "AS IS" AND THE<br/>AUTHOR DISCLAIMS ALL WARRANTIES<br/>WITH REGARD TO THIS SOFTWARE INCLUDING ALL<br/>IMPLIED WARRANTIES OF<br/>MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL<br/>THE AUTHOR BE LIABLE FOR</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.</p> <p>== Copyright<br/>Copyright (c) Isaac Z. Schlueter and Contributors<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>chownr</p> <p>== License Type<br/>===ISC-82703a69<br/>The ISC License<br/>Copyright (c) Isaac Z. Schlueter and Contributors<br/>Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.<br/>THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.</p> <p>== Copyright<br/>Copyright (c) Isaac Z. Schlueter and Contributors<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>chroma-js</p> <p>== License Type</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>===Apache-2.0-a9bf8223</p> <p>chroma.js - JavaScript library for color conversions</p> <p>Copyright (c) 2011-2019, Gregor Aisch</p> <p>All rights reserved.</p> <p>Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:</p> <ol style="list-style-type: none"> <li>1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.</li> <li>2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.</li> <li>3. The name Gregor Aisch may not be used to endorse or promote products derived from this software without specific prior written permission.</li> </ol> <p>THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL GREGOR AISCH OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>-----</p> <p>chroma.js includes colors from colorbrewer2.org, which are released under the following license:</p> <p>Copyright (c) 2002 Cynthia Brewer, Mark Harrower, and The Pennsylvania State University.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Licensed under the Apache License, Version 2.0 (the "License");<br/>you may not use this file except in compliance with the License.<br/>You may obtain a copy of the License at<br/><a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a><br/>Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.</p> <p>-----</p> <p>Named colors are taken from X11 Color Names.<br/><a href="http://www.w3.org/TR/css3-color/#svg-color">http://www.w3.org/TR/css3-color/#svg-color</a><br/>@preserve</p> <p>== Copyright<br/>Copyright (c) 2002 Cynthia Brewer, Mark Harrower,<br/>Copyright (c) 2002 Cynthia Brewer, Mark Harrower, and The<br/>Copyright (c) 2011-2019, Gregor Aisch</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>chrome-trace-event</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2015 Joyent Inc. All rights reserved.</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>cipher-base</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2017 crypto-browserify contributors</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>class-utils</p> <p>== License Type</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | SPDX:MIT<br>== Copyright<br>Copyright (c) 2015, 2017-2018, Jon Schlinkert.<br>Copyright © 2018, [Jon Schlinkert](https://github.com/jonschlinkert).<br>----- (separator)<br>-----<br>== Dependency<br>classnames<br>== License Type<br>SPDX:MIT<br>== Copyright<br>Copyright (c) 2018<br>Copyright (c) 2018 Jed Watson<br>Copyright (c) 2018 Jed Watson.<br>----- (separator)<br>-----<br>== Dependency<br>clean-stack<br>== License Type<br>SPDX:MIT<br>== Copyright<br>Copyright (c) Sindre Sorhus <sindresorhus@gmail.com><br>(sindresorhus.com)<br>----- (separator)<br>-----<br>== Dependency<br>clean-webpack-plugin<br>== License Type<br>SPDX:MIT<br>== Copyright<br>Copyright (c) 2015 John Agan<br>----- (separator)<br>-----<br>== Dependency<br>cli-cursor<br>== License Type<br>SPDX:MIT<br>== Copyright<br>Copyright (c) Sindre Sorhus <sindresorhus@gmail.com><br>(sindresorhus.com) |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>cli-width</p> <p>== License Type<br/>===ISC-cfb072f1</p> <p>Copyright (c) 2015, Ilya Radchenko<br/>&lt;ilya@burstcreations.com&gt;</p> <p>Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.</p> <p>THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.</p> <p>== Copyright<br/>Copyright (c) 2015, Ilya Radchenko<br/>&lt;ilya@burstcreations.com&gt;</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>cliui</p> <p>== License Type<br/>===ISC-83623193</p> <p>Copyright (c) 2015, Contributors</p> <p>Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.</p> <p>== Copyright<br/>Copyright (c) 2015, Contributors<br/>Copyright (c) npm, Inc. and Contributors<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>cliui</p> <p>== License Type<br/>===ISC-83623193<br/>Copyright (c) 2015, Contributors<br/>Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.</p> <p>THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.</p> <p>== Copyright<br/>Copyright (c) 2015, Contributors</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Copyright (c) npm, Inc. and Contributors<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>clone-buffer<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) 2016 Blaine Bublitz<br/>&lt;blaine.bublitz@gmail.com&gt;, Eric Schoffstall &lt;yo@contra.io&gt;<br/>and other contributors<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>clone-stats<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) 2014 Hugh Kennedy<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>clone<br/>== License Type<br/>===MIT-411e3310<br/>Copyright © 2011-2015 Paul Vorbach &lt;paul@vorba.ch&gt;<br/>Permission is hereby granted, free of charge, to any person<br/>obtaining a copy of<br/>this software and associated documentation files (the<br/>“Software”), to deal in<br/>the Software without restriction, including without limitation<br/>the rights to<br/>use, copy, modify, merge, publish, distribute, sublicense,<br/>and/or sell copies of<br/>the Software, and to permit persons to whom the Software is<br/>furnished to do so,<br/>subject to the following conditions:<br/>The above copyright notice and this permission notice shall<br/>be included in all<br/>copies or substantial portions of the Software.<br/>THE SOFTWARE IS PROVIDED “AS IS”, WITHOUT<br/>WARRANTY OF ANY KIND, EXPRESS OR<br/>IMPLIED, INCLUDING BUT NOT LIMITED TO THE<br/>WARRANTIES OF MERCHANTABILITY, FITNESS</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR</p> <p>COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.</p> <p>== Copyright</p> <p>Copyright © 2011-2015 Paul Vorbach &lt;paul@vorba.ch&gt;</p> <p>Copyright © 2011-2016 [Paul Vorbach](https://paul.vorba.ch/) and</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>cloneable-readable</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) 2016 Matteo Collina</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>code-point-at</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) Sindre Sorhus &lt;sindresorhus@gmail.com&gt; (sindresorhus.com)</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>collapse-white-space</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) 2015 Titus Wormer &lt;tituswormer@gmail.com&gt;</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>collection-visit</p> <p>== License Type</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | SPDX:MIT<br>== Copyright<br>Copyright (c) 2015, 2017, Jon Schlinkert<br>Copyright (c) 2015, 2017, Jon Schlinkert.<br>Copyright © 2017, [Jon Schlinkert](https://github.com/jonschlinkert).<br>----- (separator)<br>-----<br>== Dependency<br>color-convert<br>== License Type<br>SPDX:MIT<br>== Copyright<br>Copyright (c) 2011-2016 Heather Arthur<br><fayearthur@gmail.com><br>----- (separator)<br>-----<br>== Dependency<br>color-convert<br>== License Type<br>SPDX:MIT<br>== Copyright<br>Copyright (c) 2011-2016 Heather Arthur<br><fayearthur@gmail.com><br>----- (separator)<br>-----<br>== Dependency<br>color-name<br>== License Type<br>SPDX:MIT<br>== Copyright<br>Copyright (c) 2015 Dmitry Ivanov<br>----- (separator)<br>-----<br>== Dependency<br>color-name<br>== License Type<br>SPDX:MIT<br>== Copyright<br>Copyright (c) 2015 Dmitry Ivanov<br>----- (separator)<br>----- |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <pre> == Dependency color-string == License Type SPDX:MIT == Copyright Copyright (c) 2011 Heather Arthur &lt;fayearthur@gmail.com&gt; ----- (separator) -----  == Dependency color == License Type SPDX:MIT == Copyright Copyright (c) 2012 Heather Arthur ----- (separator) -----  == Dependency combined-stream == License Type SPDX:MIT == Copyright Copyright (c) 2011 Debuggable Limited &lt;felix@debuggable.com&gt; ----- (separator) -----  == Dependency comma-separated-tokens == License Type SPDX:MIT == Copyright Copyright (c) 2016 Titus Wormer &lt;tituswormer@gmail.com&gt; ----- (separator) -----  == Dependency commander == License Type SPDX:MIT == Copyright Copyright (c) 2011 TJ Holowaychuk &lt;tj@vision-media.ca&gt; ----- (separator) ----- </pre> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>== Dependency<br/>commander</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2011 TJ Holowaychuk &lt;tj@vision-media.ca&gt;</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>commander</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2011 TJ Holowaychuk &lt;tj@vision-media.ca&gt;</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>commandir</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2013 James Halliday (mail@substack.net)</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>component-emitter</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2014 Component contributors<br/>&lt;dev@component.io&gt;</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>compression-webpack-plugin</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>(no copyright notices found)</p> <p>----- (separator)<br/>-----</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <pre> == Dependency concat-map == License Type SPDX:MIT == Copyright (no copyright notices found) ----- (separator) -----  == Dependency concat-stream == License Type SPDX:MIT == Copyright Copyright (c) 2013 Max Ogden ----- (separator) -----  == Dependency console-browserify == License Type SPDX:MIT == Copyright Copyright (c) 2012 Raynos. ----- (separator) -----  == Dependency console-control-strings == License Type ===ISC-43abbc6f Copyright (c) 2014, Rebecca Turner &lt;me@re-becca.org&gt; Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.  THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES </pre> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.</p> <p>== Copyright<br/>Copyright (c) 2014, Rebecca Turner &lt;me@re-becca.org&gt;<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>console-log-level</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2015-2019 Thomas Watson Steen<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>constants-browserify</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2013 Julian Gruber<br/>&lt;julian@juliangruber.com&gt;<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>container-info</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2018 Stephen Belanger<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>convert-source-map</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright 2013 Thorsten Lorenz.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>cookie</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2012-2014 Roman Shtylman<br/>&lt;shtylman@gmail.com&gt;<br/>Copyright (c) 2015 Douglas Christopher Wilson<br/>&lt;doug@somethingdoug.com&gt;</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>copy-concurrently</p> <p>== License Type<br/>===ISC-cee2d396</p> <p>Copyright (c) 2017, Rebecca Turner &lt;me@re-becca.org&gt;<br/>Permission to use, copy, modify, and/or distribute this<br/>software for any<br/>purpose with or without fee is hereby granted, provided that<br/>the above<br/>copyright notice and this permission notice appear in all<br/>copies.</p> <p>THE SOFTWARE IS PROVIDED "AS IS" AND THE<br/>AUTHOR DISCLAIMS ALL WARRANTIES<br/>WITH REGARD TO THIS SOFTWARE INCLUDING ALL<br/>IMPLIED WARRANTIES OF<br/>MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL<br/>THE AUTHOR BE LIABLE FOR<br/>ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL<br/>DAMAGES OR ANY DAMAGES<br/>WHATSOEVER RESULTING FROM LOSS OF USE, DATA<br/>OR PROFITS, WHETHER IN AN<br/>ACTION OF CONTRACT, NEGLIGENCE OR OTHER<br/>TORTIOUS ACTION, ARISING OUT OF<br/>OR IN CONNECTION WITH THE USE OR<br/>PERFORMANCE OF THIS SOFTWARE.</p> <p>== Copyright<br/>Copyright (c) 2017, Rebecca Turner &lt;me@re-becca.org&gt;</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>copy-descriptor</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2015, Jon Schlinkert.<br/>Copyright (c) 2015-2016, Jon Schlinkert<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>copy-to-clipboard</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2017 sudodoki &lt;smd.deluzion@gmail.com&gt;<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>core-js-compatible</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2014-2022 Denis Pushkarev<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>core-js</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2014-2022 Denis Pushkarev<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>core-util-is</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>(no copyright notices found)<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>core-util-is</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>(no copyright notices found)<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>cosmiconfig</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2015 David Clark<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>cp-file</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) Sindre Sorhus &lt;sindresorhus@gmail.com&gt;<br/>(sindresorhus.com)<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>cpy</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) Sindre Sorhus &lt;sindresorhus@gmail.com&gt;<br/>(sindresorhus.com)<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>create-ecdh</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2014-2017 createECDH contributors<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>create-hash</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <pre> == License Type SPDX:MIT  == Copyright Copyright (c) 2017 crypto-browserify contributors ----- (separator) -----  == Dependency create-hmac  == License Type SPDX:MIT  == Copyright Copyright (c) 2017 crypto-browserify contributors ----- (separator) -----  == Dependency cross-spawn  == License Type SPDX:MIT  == Copyright Copyright (c) 2018 Made With MOXY Lda &lt;hello@moxy.studio&gt; ----- (separator) -----  == Dependency crypto-browserify  == License Type SPDX:MIT  == Copyright Copyright (c) 2013 Dominic Tarr ----- (separator) -----  == Dependency css-box-model  == License Type SPDX:MIT  == Copyright Copyright (c) 2018 Alex Reardon ----- (separator) -----  == Dependency css-color-keywords </pre> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>== License Type<br/>         ===ISC-3f4e45fb<br/>         ISC License<br/>         Copyright (c) 2017, Jakob Krigovsky<br/>         Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.<br/>         THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.</p> <p>== Copyright<br/>         Copyright (c) 2017, Jakob Krigovsky<br/>         ----- (separator)<br/>         -----</p> <p>== Dependency<br/>         css-in-js-utils</p> <p>== License Type<br/>         SPDX:MIT</p> <p>== Copyright<br/>         Copyright (c) 2017 Robin Frischmann<br/>         ----- (separator)<br/>         -----</p> <p>== Dependency<br/>         css-loader</p> <p>== License Type<br/>         SPDX:MIT</p> <p>== Copyright<br/>         (no copyright notices found)<br/>         ----- (separator)<br/>         -----</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>== Dependency<br/>css-select</p> <p>== License Type<br/>===BSD-2-Clause-d5b9cb3b</p> <p>Copyright (c) Felix Böhm<br/>All rights reserved.</p> <p>Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:</p> <p>Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.</p> <p>Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.</p> <p>THIS IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>== Copyright<br/>Copyright (c) Felix Böhm<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>css-to-react-native</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2016 Jacob Parker and Maximilian Stoiber<br/>Copyright © 2019 Krister Kari, Jacob Parker, and Maximilian Stoiber.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>css-tree<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (C) 2016-2019 by Roman Dvornov<br/>Copyright 2011 Mozilla Foundation and contributors<br/>Copyright 2011 The Closure Compiler Authors. All rights reserved.<br/>Copyright 2014 Mozilla Foundation and contributors<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>css-what<br/>== License Type<br/>===BSD-2-Clause-d5b9cb3b<br/>Copyright (c) Felix Böhm<br/>All rights reserved.<br/>Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:<br/>Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.<br/>Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.<br/>THIS IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>== Copyright<br/>Copyright (c) Felix Böhm<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>cssesc<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>(no copyright notices found)<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>csstype<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) 2017-2018 Fredrik Nicol<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>custom-event-polyfill<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) 2016 Evan Krambuhl<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>cyclist<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) 2015 Mathias Buus<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>d3-array<br/>== License Type<br/>==ISC-bd18a9b9<br/>Copyright 2010-2021 Mike Bostock</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.</p> <p>THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.</p> <p>== Copyright<br/>Copyright 2010-2021 Mike Bostock<br/>Copyright 2018 Vladimir Agafonkin.<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>d3-cloud</p> <p>== License Type<br/>===BSD-3-Clause--modified-by-Google-bc915e81</p> <p>Copyright (c) 2013, Jason Davies.<br/>All rights reserved.</p> <p>Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:</p> <p>* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.</p> <p>* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.</p> <p>* The name Jason Davies may not be used to endorse or promote products derived from this software without specific prior written permission.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL JASON DAVIES BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>== Copyright<br/>Copyright (c) 2013, Jason Davies.<br/>Copyright 2017 Mike Bostock.<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>d3-collection</p> <p>== License Type<br/>===BSD-3-Clause--modified-by-Google-1f889dfc<br/>Copyright 2010-2016, Mike Bostock<br/>All rights reserved.</p> <p>Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:</p> <p>* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.</p> <p>* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.</p> <p>* Neither the name of the author nor the names of contributors may be used to endorse or promote products derived from this software without specific prior written permission.</p> |

Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>== Copyright<br/>Copyright 2010-2016, Mike Bostock<br/>Copyright 2018 Mike Bostock<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>d3-color</p> <p>== License Type<br/>===BSD-3-Clause--modified-by-Google-50142b6c<br/>Copyright 2010-2016 Mike Bostock<br/>All rights reserved.</p> <p>Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:</p> <p>* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.</p> <p>* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.</p> <p>* Neither the name of the author nor the names of contributors may be used to endorse or promote products derived from this software without specific prior</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>written permission.</p> <p>THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>== Copyright<br/>Copyright 2010-2016 Mike Bostock<br/>Copyright 2020 Mike Bostock<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>d3-dispatch</p> <p>== License Type<br/>===BSD-3-Clause--modified-by-Google-50142b6c<br/>Copyright 2010-2016 Mike Bostock<br/>All rights reserved.</p> <p>Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:</p> <p>* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.</p> <p>* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.</p> <p>* Neither the name of the author nor the names of contributors may be used to</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>endorse or promote products derived from this software without specific prior written permission.</p> <p>THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>== Copyright<br/>Copyright 2010-2016 Mike Bostock<br/>Copyright 2019 Mike Bostock<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>d3-format</p> <p>== License Type<br/>===ISC-bd18a9b9<br/>Copyright 2010-2021 Mike Bostock</p> <p>Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.</p> <p>THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.</p> <p>== Copyright<br/>Copyright 2010-2021 Mike Bostock<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>d3-interpolate</p> <p>== License Type<br/>===ISC-bd18a9b9<br/>Copyright 2010-2021 Mike Bostock<br/>Permission to use, copy, modify, and/or distribute this software for any purpose<br/>with or without fee is hereby granted, provided that the above copyright notice<br/>and this permission notice appear in all copies.</p> <p>THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.</p> <p>== Copyright<br/>Copyright 2010-2021 Mike Bostock<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>d3-path</p> <p>== License Type<br/>===ISC-0ddeb968<br/>Copyright 2015-2021 Mike Bostock<br/>Permission to use, copy, modify, and/or distribute this software for any purpose</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>with or without fee is hereby granted, provided that the above copyright notice</p> <p>and this permission notice appear in all copies.</p> <p>THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.</p> <p>== Copyright</p> <p>Copyright 2015-2021 Mike Bostock</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>d3-scale</p> <p>== License Type</p> <p>===BSD-3-Clause--modified-by-Google-91e27172</p> <p>Copyright 2010-2015 Mike Bostock</p> <p>All rights reserved.</p> <p>Redistribution and use in source and binary forms, with or without modification,</p> <p>are permitted provided that the following conditions are met:</p> <p>* Redistributions of source code must retain the above copyright notice, this</p> <p>list of conditions and the following disclaimer.</p> <p>* Redistributions in binary form must reproduce the above copyright notice,</p> <p>this list of conditions and the following disclaimer in the documentation</p> <p>and/or other materials provided with the distribution.</p> <p>* Neither the name of the author nor the names of contributors may be used to</p> <p>endorse or promote products derived from this software without specific prior</p> <p>written permission.</p> <p>THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>== Copyright<br/>Copyright 2010-2015 Mike Bostock<br/>Copyright 2017 Mike Bostock.</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>d3-shape</p> <p>== License Type<br/>===BSD-3-Clause--modified-by-Google-91e27172<br/>Copyright 2010-2015 Mike Bostock<br/>All rights reserved.</p> <p>Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:</p> <p>* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.</p> <p>* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.</p> <p>* Neither the name of the author nor the names of contributors may be used to endorse or promote products derived from this software without specific prior written permission.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>== Copyright<br/>Copyright 2010-2015 Mike Bostock<br/>Copyright 2019 Mike Bostock<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>d3-time-format</p> <p>== License Type<br/>===ISC-bd18a9b9<br/>Copyright 2010-2021 Mike Bostock<br/>Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.<br/>THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>THIS SOFTWARE.</p> <p>== Copyright<br/>Copyright 2010-2021 Mike Bostock<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>d3-time</p> <p>== License Type<br/>===ISC-bd18a9b9<br/>Copyright 2010-2021 Mike Bostock<br/>Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.</p> <p>THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.</p> <p>== Copyright<br/>Copyright 2010-2021 Mike Bostock<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>dashdash</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2013 Joyent Inc. All rights reserved.<br/>Copyright (c) 2013 Trent Mick. All rights reserved.<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>debug</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2014-2017 TJ Holowaychuk &lt;tj@vision-media.ca&gt;;<br/>Copyright (c) 2014-2017 TJ Holowaychuk &lt;tj@vision-media.ca&gt;<br/>Copyright (c) 2018-2021 Josh Junon<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>debug</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2014-2017 TJ Holowaychuk &lt;tj@vision-media.ca&gt;;<br/>Copyright (c) 2014-2017 TJ Holowaychuk &lt;tj@vision-media.ca&gt;<br/>Copyright (c) 2018-2021 Josh Junon<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>debug</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2014-2017 TJ Holowaychuk &lt;tj@vision-media.ca&gt;;<br/>Copyright (c) 2014-2017 TJ Holowaychuk &lt;tj@vision-media.ca&gt;<br/>Copyright (c) 2018-2021 Josh Junon<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>decamelize-keys</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) Sindre Sorhus &lt;sindresorhus@gmail.com&gt;<br/>(sindresorhus.com), Dmitry Sobolev<br/>&lt;disobolev@icloud.com&gt;<br/>----- (separator)<br/>-----</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>== Dependency<br/>decamelize</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) Sindre Sorhus &lt;sindresorhus@gmail.com&gt;<br/>(sindresorhus.com)</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>decode-uri-component</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) Sam Verschueren<br/>&lt;sam.verschueren@gmail.com&gt; (github.com/<br/>SamVerschueren)</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>dedent</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2015 Desmond Brand<br/>(dmnd@desmondbrand.com)</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>deepmerge</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2012 James Halliday, Josh Duff, and other<br/>contributors</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>define-properties</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Copyright (C) 2015 Jordan Harband<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>define-property<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) 2015, Jon Schlinkert.<br/>Copyright © 2015 Jon Schlinkert<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>define-property<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) 2015, Jon Schlinkert.<br/>Copyright © 2015 Jon Schlinkert<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>define-property<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) 2015, Jon Schlinkert.<br/>Copyright © 2015 Jon Schlinkert<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>del<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) Sindre Sorhus &lt;sindresorhus@gmail.com&gt;<br/>(sindresorhus.com)<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>del<br/>== License Type</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | SPDX:MIT<br>== Copyright<br>Copyright (c) Sindre Sorhus <sindresorhus@gmail.com><br>(sindresorhus.com)<br>----- (separator)<br>-----<br>== Dependency<br>delayed-stream<br>== License Type<br>SPDX:MIT<br>== Copyright<br>Copyright (c) 2011 Debuggable Limited<br><felix@debuggable.com><br>----- (separator)<br>-----<br>== Dependency<br>delegates<br>== License Type<br>SPDX:MIT<br>== Copyright<br>Copyright (c) 2015 TJ Holowaychuk <tj@vision-media.ca><br>----- (separator)<br>-----<br>== Dependency<br>depd<br>== License Type<br>SPDX:MIT<br>== Copyright<br>Copyright (c) 2014-2017 Douglas Christopher Wilson<br>----- (separator)<br>-----<br>== Dependency<br>des.js<br>== License Type<br>SPDX:MIT<br>== Copyright<br>(no copyright notices found)<br>----- (separator)<br>-----<br>== Dependency<br>detect-node-es<br>== License Type |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | SPDX:MIT<br>== Copyright<br>Copyright (c) 2017 Ilya Kantor<br>----- (separator)<br>-----<br>== Dependency<br>diff-match-patch<br>== License Type<br>SPDX:Apache-2.0<br>== Copyright<br>Copyright 2018 The diff-match-patch Authors.<br>----- (separator)<br>-----<br>== Dependency<br>diff-sequences<br>== License Type<br>SPDX:MIT<br>== Copyright<br>Copyright (c) Facebook, Inc. and its affiliates.<br>Copyright (c) Facebook, Inc. and its affiliates. All Rights Reserved.<br>----- (separator)<br>-----<br>== Dependency<br>diffie-hellman<br>== License Type<br>SPDX:MIT<br>== Copyright<br>Copyright (c) 2017 Calvin Metcalf<br>----- (separator)<br>-----<br>== Dependency<br>dir-glob<br>== License Type<br>SPDX:MIT<br>== Copyright<br>Copyright (c) Kevin Mårtensson<br><kevinmartensson@gmail.com> (github.com/kevva)<br>----- (separator)<br>-----<br>== Dependency<br>dir-glob |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) Kevin Mårtensson<br/>&lt;kevinmartensson@gmail.com&gt; (github.com/kevva)<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>dir-glob</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) Kevin Mårtensson<br/>&lt;kevinmartensson@gmail.com&gt; (github.com/kevva)<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>dns-sync</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2014 skoranga<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>dom-serializer</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2014 The cheeriojs contributors<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>dom-serializer</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2014 The cheeriojs contributors<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>domain-browser</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>(no copyright notices found)<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>domelementtype</p> <p>== License Type<br/>===BSD-2-Clause-d5b9cb3b</p> <p>Copyright (c) Felix Böhm<br/>All rights reserved.</p> <p>Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:</p> <p>Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.</p> <p>Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.</p> <p>THIS IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>== Copyright<br/>Copyright (c) Felix Böhm<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>domelementtype</p> <p>== License Type</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>===BSD-2-Clause-d5b9cb3b</p> <p>Copyright (c) Felix Böhm<br/>All rights reserved.</p> <p>Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:</p> <p>Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.</p> <p>Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.</p> <p>THIS IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>== Copyright<br/>Copyright (c) Felix Böhm<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>domhandler</p> <p>== License Type<br/>===BSD-2-Clause-d5b9cb3b</p> <p>Copyright (c) Felix Böhm<br/>All rights reserved.</p> <p>Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:</p> <p>Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.</p> <p>Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>disclaimer in the documentation and/or other materials provided with the distribution.</p> <p>THIS IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>== Copyright<br/>Copyright (c) Felix Böhm<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>domutils</p> <p>== License Type<br/>===BSD-2-Clause-d5b9cb3b</p> <p>Copyright (c) Felix Böhm<br/>All rights reserved.</p> <p>Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:</p> <p>Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.</p> <p>Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.</p> <p>THIS IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>== Copyright<br/>Copyright (c) Felix Böhm<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>domutils</p> <p>== License Type<br/>===BSD-2-Clause-d5b9cb3b<br/>Copyright (c) Felix Böhm<br/>All rights reserved.</p> <p>Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:</p> <p>Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.</p> <p>Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.</p> <p>THIS IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>== Copyright<br/>Copyright (c) Felix Böhm</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>duplexify<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) 2014 Mathias Buus<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>ecc-jsbn<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) 2003-2005 Tom Wu<br/>Copyright (c) 2014 Jeremie Miller<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>ejs<br/>== License Type<br/>SPDX:Apache-2.0<br/>== Copyright<br/>Copyright 2012 Matthew Eernisse (mde@fleegix.org)<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>elastic-apm-http-client<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) 2015-2019 Elasticsearch BV<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>elastic-apm-node<br/>== License Type<br/>SPDX:BSD-2-Clause<br/>== Copyright<br/>Copyright (c) 2012, Matt Robenolt</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Copyright (c) 2013-2014, Thomas Watson Steen and Elasticsearch BV</p> <p>Copyright (c) 2013-2017, Forrest L Norvell</p> <p>Copyright (c) 2013-2019, Forrest L Norvell</p> <p>Copyright (c) 2015-2020, Elasticsearch BV</p> <p>Copyright (c) 2016 Thomas Watson Steen</p> <p>Copyright (c) 2016-2018 Thomas Watson Steen</p> <p>Copyright (c) 2017 Espen Hovlandsdal</p> <p>Copyright (c) 2018 Mathias Buus</p> <p>Copyright 2011-2021 Elasticsearch B.V.</p> <p>== Notices</p> <p>apm-agent-nodejs</p> <p>Copyright 2011-2021 Elasticsearch B.V.</p> <p># Notice</p> <p>This project contains several dependencies which have been vendored in</p> <p>due to a need for minor changes. Where possible changes have been</p> <p>contributed back to the original project.</p> <p>## async-listener</p> <p>- **path:** [lib/instrumentation/patch-async.js](lib/instrumentation/patch-async.js)</p> <p>- **author:** Forrest L Norvell</p> <p>- **project url:** <a href="https://github.com/othiym23/async-listener">https://github.com/othiym23/async-listener</a></p> <p>- **original file:** <a href="https://github.com/othiym23/async-listener/blob/master/index.js">https://github.com/othiym23/async-listener/blob/master/index.js</a></p> <p>- **license:** BSD-2-Clause, <a href="http://opensource.org/licenses/BSD-2-Clause">http://opensource.org/licenses/BSD-2-Clause</a></p> <p>Copyright (c) 2013-2017, Forrest L Norvell</p> <p>All rights reserved.</p> <p>Redistribution and use in source and binary forms, with or without</p> <p>modification, are permitted provided that the following conditions are met:</p> <p>* Redistributions of source code must retain the above copyright notice, this</p> <p>list of conditions and the following disclaimer.</p> <p>* Redistributions in binary form must reproduce the above copyright notice,</p> <p>this list of conditions and the following disclaimer in the documentation</p> <p>and/or other materials provided with the distribution.</p> <p>THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS"</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>## shimmer</p> <p>- **path:** [lib/instrumentation/shimmer.js](lib/instrumentation/shimmer.js)</p> <p>- **author:** Forrest L Norvell</p> <p>- **project url:** <a href="https://github.com/othiym23/shimmer">https://github.com/othiym23/shimmer</a></p> <p>- **original file:** <a href="https://github.com/othiym23/shimmer/blob/master/index.js">https://github.com/othiym23/shimmer/blob/master/index.js</a></p> <p>- **license:** BSD-2-Clause, <a href="http://opensource.org/licenses/BSD-2-Clause">http://opensource.org/licenses/BSD-2-Clause</a></p> <p>Copyright (c) 2013-2019, Forrest L Norvell<br/>All rights reserved.</p> <p>Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:</p> <p>* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.</p> <p>* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.</p> <p>THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>## process-top</p> <ul style="list-style-type: none"> <li>- **path:** [lib/metrics/platforms/generic/process-top.js](lib/metrics/platforms/generic/process-top.js)</li> <li>- **author:** Mathias Buus</li> <li>- **project url:** <a href="https://github.com/mafintosh/process-top">https://github.com/mafintosh/process-top</a></li> <li>- **original file:** <a href="https://github.com/mafintosh/process-top/blob/master/index.js">https://github.com/mafintosh/process-top/blob/master/index.js</a></li> <li>- **license:** MIT License (MIT), <a href="http://opensource.org/licenses/MIT">http://opensource.org/licenses/MIT</a></li> </ul> <p>Copyright (c) 2018 Mathias Buus</p> <p>Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:</p> <p>The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.</p> <p>THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM,</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.</p> <p>## opentelemetry-js</p> <ul style="list-style-type: none"> <li>- **path:** [lib/instrumentation/run-context](lib/instrumentation/run-context/)</li> <li>- **author:** OpenTelemetry Authors</li> <li>- **project url:** <a href="https://github.com/open-telemetry/opentelemetry-js">https://github.com/open-telemetry/opentelemetry-js</a></li> <li>- **original file:** <a href="https://github.com/open-telemetry/opentelemetry-js/tree/main/packages/opentelemetry-context-async-hooks/src">https://github.com/open-telemetry/opentelemetry-js/tree/main/packages/opentelemetry-context-async-hooks/src</a></li> <li>- **license:** Apache License 2.0, <a href="https://github.com/open-telemetry/opentelemetry-js/blob/main/packages/opentelemetry-context-async-hooks/LICENSE">https://github.com/open-telemetry/opentelemetry-js/blob/main/packages/opentelemetry-context-async-hooks/LICENSE</a></li> </ul> <p>Parts of "lib/instrumentation/run-context" have been adapted from or influenced by TypeScript code in `@opentelemetry/context-async-hooks`.</p> <p>## load-source-map</p> <ul style="list-style-type: none"> <li>- **path:** [lib/load-source-map.js](lib/load-source-map.js)</li> <li>- **author:** Espen Hovlandsdal</li> <li>- **project url:** <a href="https://github.com/rexxars/load-source-map">https://github.com/rexxars/load-source-map</a></li> <li>- **original file:** <a href="https://github.com/rexxars/load-source-map/blob/v2.0.0/lib/index.js">https://github.com/rexxars/load-source-map/blob/v2.0.0/lib/index.js</a></li> <li>- **license:** MIT License (MIT), <a href="http://opensource.org/licenses/MIT">http://opensource.org/licenses/MIT</a></li> </ul> <p>The MIT License (MIT)</p> <p>Copyright (c) 2017 Espen Hovlandsdal</p> <p>Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:</p> <p>The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.</p> <p>THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR</p> |

Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>elasticsearch</p> <p>== License Type<br/>SPDX:Apache-2.0</p> <p>== Copyright<br/>Copyright 2013 Elasticsearch BV</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>electron-to-chromium</p> <p>== License Type<br/>===ISC-c4bd4cd0</p> <p>Copyright 2018 Kilian Valkhof</p> <p>Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.</p> <p>THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.</p> <p>== Copyright<br/>Copyright 2018 Kilian Valkhof</p> <p>----- (separator)<br/>-----</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>== Dependency<br/>elliptic</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>(no copyright notices found)</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>emoji-regex</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>(no copyright notices found)</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>emoji-regex</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>(no copyright notices found)</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>emojis-list</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright © 2015 Kiko Beats</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>emoticon</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2014 Titus Wormer &lt;tituswormer@gmail.com&gt;</p> <p>----- (separator)<br/>-----</p> <p>== Dependency</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>end-of-stream</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2014 Mathias Buus</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>enhanced-resolve</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2012-2016 Tobias Koppers</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>enhanced-resolve</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2012-2016 Tobias Koppers</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>entities</p> <p>== License Type<br/>====BSD-2-Clause-d5b9cb3b</p> <p>Copyright (c) Felix Böhm<br/>All rights reserved.</p> <p>Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:</p> <p>Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.</p> <p>Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.</p> <p>THIS IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS,</p> <p>EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>== Copyright<br/>Copyright (c) Felix Böhm<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>entities</p> <p>== License Type<br/>===BSD-2-Clause-d5b9cb3b</p> <p>Copyright (c) Felix Böhm<br/>All rights reserved.</p> <p>Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:</p> <p>Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.</p> <p>Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.</p> <p>THIS IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS,</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>== Copyright<br/>Copyright (c) Felix Böhm<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>entities</p> <p>== License Type<br/>===BSD-2-Clause-d5b9cb3b</p> <p>Copyright (c) Felix Böhm<br/>All rights reserved.</p> <p>Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:</p> <p>Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.</p> <p>Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.</p> <p>THIS IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS,</p> <p>EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>== Copyright<br/>Copyright (c) Felix Böhm<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>env-paths</p> <p>== License Type</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | SPDX:MIT<br>== Copyright<br>Copyright (c) Sindre Sorhus <sindresorhus@gmail.com><br>(sindresorhus.com)<br>----- (separator)<br>-----<br>== Dependency<br>errno<br>== License Type<br>SPDX:MIT<br>== Copyright<br>Copyright (c) 2012-2015 [Rod Vagg](https://github.com/rvagg) ([@rvagg](https://twitter.com/rvagg))*<br>----- (separator)<br>-----<br>== Dependency<br>error-callsites<br>== License Type<br>SPDX:MIT<br>== Copyright<br>Copyright (c) 2015-2020 Thomas Watson Steen<br>----- (separator)<br>-----<br>== Dependency<br>error-ex<br>== License Type<br>SPDX:MIT<br>== Copyright<br>Copyright (c) 2015 JD Ballard<br>----- (separator)<br>-----<br>== Dependency<br>error-stack-parser<br>== License Type<br>SPDX:MIT<br>== Copyright<br>Copyright (c) 2017 Eric Wendelin and other contributors<br>----- (separator)<br>-----<br>== Dependency<br>es-abstract<br>== License Type |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | SPDX:MIT<br>== Copyright<br>Copyright (C) 2015 Jordan Harband<br>----- (separator)<br>-----<br>== Dependency<br>es-to-primitive<br>== License Type<br>SPDX:MIT<br>== Copyright<br>Copyright (c) 2015 Jordan Harband<br>----- (separator)<br>-----<br>== Dependency<br>es6-promise<br>== License Type<br>SPDX:MIT<br>== Copyright<br>Copyright (c) 2014 Yehuda Katz, Tom Dale, Stefan Penner<br>and contributors<br>Copyright (c) 2014 Yehuda Katz, Tom Dale, Stefan Penner<br>and contributors (Conversion to ES6 API by Jake Archibald)<br>----- (separator)<br>-----<br>== Dependency<br>escalate<br>== License Type<br>SPDX:MIT<br>== Copyright<br>Copyright (c) Luke Edwards <luke.edwards05@gmail.com><br>(lukeed.com)<br>----- (separator)<br>-----<br>== Dependency<br>escape-string-regexp<br>== License Type<br>SPDX:MIT<br>== Copyright<br>Copyright (c) Sindre Sorhus <sindresorhus@gmail.com><br>(sindresorhus.com)<br>----- (separator)<br>----- |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>== Dependency<br/>escape-string-regexp</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) Sindre Sorhus &lt;sindresorhus@gmail.com&gt;<br/>(sindresorhus.com)</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>eslint-scope</p> <p>== License Type<br/>===BSD-2-Clause-ea6adf57</p> <p>Copyright JS Foundation and other contributors, <a href="https://js.foundation">https://js.foundation</a></p> <p>Copyright (C) 2012-2013 Yusuke Suzuki (twitter: @Constellation) and other contributors.</p> <p>Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:</p> <p>* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.</p> <p>* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.</p> <p>THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL &lt;COPYRIGHT HOLDER&gt; BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>== Copyright</p> <p>Copyright (C) 2012-2013 Yusuke Suzuki (twitter: @Constellation) and other contributors.</p> <p>Copyright (C) 2012-2014 Yusuke Suzuki &lt;utatane.tea@gmail.com&gt;</p> <p>Copyright (C) 2013 Alex Seville &lt;hi@alexanderseville.com&gt;</p> <p>Copyright (C) 2014 Thiago de Arruda &lt;tpadilha84@gmail.com&gt;</p> <p>Copyright (C) 2015 Yusuke Suzuki &lt;utatane.tea@gmail.com&gt;</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>esprima</p> <p>== License Type</p> <p>===BSD-2-Clause-e3c825c9</p> <p>Copyright JS Foundation and other contributors, <a href="https://js.foundation/">https://js.foundation/</a></p> <p>Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:</p> <p>* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.</p> <p>* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.</p> <p>THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL &lt;COPYRIGHT HOLDER&gt; BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES;</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>== Copyright<br/>(no copyright notices found)<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>esrecurse</p> <p>== License Type<br/>===BSD-2-Clause-4bcc8fc8</p> <p>Copyright (C) 2014 [Yusuke Suzuki](https://github.com/Constellation)<br/>(twitter: [@Constellation](https://twitter.com/Constellation)) and other contributors.</p> <p>Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:</p> <p>* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.</p> <p>* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.</p> <p>THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL &lt;COPYRIGHT HOLDER&gt; BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES;</p> |



Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>== Copyright<br/>Copyright (C) 2014 Yusuke Suzuki<br/>&lt;utatane.tea@gmail.com&gt;<br/>Copyright (C) 2014 [Yusuke Suzuki](https://github.com/Constellation)</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>estraverse</p> <p>== License Type<br/>===BSD-2-Clause-e74cede3</p> <p>Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:</p> <p>* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.</p> <p>* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.</p> <p>THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL &lt;COPYRIGHT HOLDER&gt; BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>== Copyright<br/> Copyright (C) 2012 Ariya Hidayat<br/> &lt;ariya.hidayat@gmail.com&gt;<br/> Copyright (C) 2012-2013 Yusuke Suzuki<br/> &lt;utatane.tea@gmail.com&gt;<br/> Copyright (C) 2012-2016 [Yusuke Suzuki](http://github.com/Constellation)<br/> Copyright (C) 2014 Yusuke Suzuki<br/> &lt;utatane.tea@gmail.com&gt;<br/> ----- (separator)<br/> -----</p> <p>== Dependency<br/> estraverse</p> <p>== License Type<br/> ===BSD-2-Clause-e74cede3</p> <p>Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:</p> <p>* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.</p> <p>* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.</p> <p>THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL &lt;COPYRIGHT HOLDER&gt; BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES;</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>== Copyright<br/>Copyright (C) 2012 Ariya Hidayat<br/>&lt;ariya.hidayat@gmail.com&gt;<br/>Copyright (C) 2012-2013 Yusuke Suzuki<br/>&lt;utatane.tea@gmail.com&gt;<br/>Copyright (C) 2012-2016 [Yusuke Suzuki](http://github.com/Constellation)<br/>Copyright (C) 2014 Yusuke Suzuki<br/>&lt;utatane.tea@gmail.com&gt;<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>esutils</p> <p>== License Type<br/>===BSD-2-Clause-e74cede3</p> <p>Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:</p> <p>* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.<br/>* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.</p> <p>THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL &lt;COPYRIGHT HOLDER&gt; BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>(INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>== Copyright<br/>Copyright (C) 2013 Yusuke Suzuki<br/>&lt;utatane.tea@gmail.com&gt;<br/>Copyright (C) 2013 [Yusuke Suzuki](http://github.com/Constellation)<br/>Copyright (C) 2013-2014 Yusuke Suzuki<br/>&lt;utatane.tea@gmail.com&gt;<br/>Copyright (C) 2014 Ivan Nikulin &lt;ifaaan@gmail.com&gt;<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>event-target-shim</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2015 Toru Nagashima<br/>copyright 2015 Toru Nagashima. All rights reserved.<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>events</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>(no copyright notices found)<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>evp_bytestokey</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2017 crypto-browserify contributors</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>execa</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) Sindre Sorhus &lt;sindresorhus@gmail.com&gt;<br/>(https://sindresorhus.com)</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>exit-hook</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) Sindre Sorhus &lt;sindresorhus@gmail.com&gt;<br/>(https://sindresorhus.com)</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>expand-brackets</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2015-2016, Jon Schlinkert<br/>Copyright © 2016, [Jon Schlinkert](https://github.com/jonschlinkert).</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>extend-shallow</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2014-2015, Jon Schlinkert.<br/>Copyright © 2015 Jon Schlinkert</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>extend-shallow</p> <p>== License Type</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | SPDX:MIT<br>== Copyright<br>Copyright (c) 2014-2015, Jon Schlinkert.<br>Copyright © 2015 Jon Schlinkert<br>----- (separator)<br>-----<br>== Dependency<br>extend<br>== License Type<br>SPDX:MIT<br>== Copyright<br>Copyright (c) 2014 Stefan Thomas<br>----- (separator)<br>-----<br>== Dependency<br>external-editor<br>== License Type<br>SPDX:MIT<br>== Copyright<br>Copyright (c) 2016 Kevin Gravier<br>Copyright (c) 2016-2018 Kevin Gravier<br>----- (separator)<br>-----<br>== Dependency<br>extglob<br>== License Type<br>SPDX:MIT<br>== Copyright<br>Copyright (c) 2015-2017, Jon Schlinkert.<br>Copyright © 2017, [Jon Schlinkert](https://github.com/jonschlinkert).<br>----- (separator)<br>-----<br>== Dependency<br>extsprintf<br>== License Type<br>SPDX:MIT<br>== Copyright<br>Copyright (c) 2012, Joyent, Inc. All rights reserved.<br>----- (separator)<br>-----<br>== Dependency |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>extsprintf</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) 2012, Joyent, Inc. All rights reserved.</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>fast-deep-equal</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) 2017 Evgeny Poberezkin</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>fast-glob</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) Denis Malinochkin</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>fast-glob</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) Denis Malinochkin</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>fast-json-stable-stringify</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) 2013 James Halliday</p> <p>Copyright (c) 2017 Evgeny Poberezkin</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | fast-json-stringify<br>== License Type<br>SPDX:MIT<br>== Copyright<br>Copyright (c) 2016-2018 Matteo Collina<br>----- (separator)<br>-----<br>== Dependency<br>fast-redact<br>== License Type<br>SPDX:MIT<br>== Copyright<br>Copyright (c) 2019-2020 David Mark Clements<br>----- (separator)<br>-----<br>== Dependency<br>fast-safe-stringify<br>== License Type<br>SPDX:MIT<br>== Copyright<br>Copyright (c) 2016 David Mark Clements<br>Copyright (c) 2017 David Mark Clements & Matteo Collina<br>Copyright (c) 2018 David Mark Clements, Matteo Collina & Ruben Bridgewater<br>----- (separator)<br>-----<br>== Dependency<br>fast-shallow-equal<br>== License Type<br>SPDX:Unlicense<br>== Copyright<br>(no copyright notices found)<br>----- (separator)<br>-----<br>== Dependency<br>fast-stream-to-buffer<br>== License Type<br>SPDX:MIT<br>== Copyright<br>Copyright (c) 2018 Thomas Watson Steen<br>----- (separator)<br>----- |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <pre> == Dependency fastest-stable-stringify  == License Type SPDX:MIT  == Copyright (no copyright notices found) ----- (separator) -----  == Dependency fastq  == License Type ===ISC-78523ef0  Copyright (c) 2015-2020, Matteo Collina &lt;matteo.collina@gmail.com&gt;  Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.  THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.  == Copyright Copyright (c) 2015-2020, Matteo Collina &lt;matteo.collina@gmail.com&gt; ----- (separator) -----  == Dependency fd-slicer  == License Type SPDX:MIT  == Copyright </pre> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Copyright (c) 2014 Andrew Kelley</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>figgy-pudding</p> <p>== License Type</p> <p>===ISC-5324d196</p> <p>ISC License</p> <p>Copyright (c) npm, Inc.</p> <p>Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.</p> <p>THE SOFTWARE IS PROVIDED "AS IS" AND THE COPYRIGHT HOLDER DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE COPYRIGHT HOLDER BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.</p> <p>== Copyright</p> <p>Copyright (c) npm, Inc.</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>figures</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) Sindre Sorhus &lt;sindresorhus@gmail.com&gt; (sindresorhus.com)</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>file-loader</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>(no copyright notices found)</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>file-selector</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) 2020 Roland Groza</p> <p>Copyright (c) Microsoft Corporation.</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>file-uri-to-path</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) 2014 Nathan Rajlich</p> <p>&amp;lt;nathan@tootallnate.net&amp;gt;</p> <p>Copyright (c) 2014 Nathan Rajlich &lt;nathan@tootallnate.net&gt;</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>fill-range</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) 2014-present, Jon Schlinkert.</p> <p>Copyright © 2019, [Jon Schlinkert](https://github.com/jonschlinkert).</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>fill-range</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) 2014-present, Jon Schlinkert.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Copyright © 2019, [Jon Schlinkert](https://github.com/jonschlinkert).</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>filter-obj</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) Sindre Sorhus &lt;sindresorhus@gmail.com&gt; (sindresorhus.com)</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>find-cache-dir</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) Sindre Sorhus &lt;sindresorhus@gmail.com&gt; (https://sindresorhus.com)</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>find-cache-dir</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) Sindre Sorhus &lt;sindresorhus@gmail.com&gt; (https://sindresorhus.com)</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>find-root</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright © 2017 jsdxxx</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>find-up</p> <p>== License Type</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | SPDX:MIT<br>== Copyright<br>Copyright (c) Sindre Sorhus <sindresorhus@gmail.com><br>(sindresorhus.com)<br>----- (separator)<br>-----<br>== Dependency<br>find-up<br>== License Type<br>SPDX:MIT<br>== Copyright<br>Copyright (c) Sindre Sorhus <sindresorhus@gmail.com><br>(sindresorhus.com)<br>----- (separator)<br>-----<br>== Dependency<br>find-up<br>== License Type<br>SPDX:MIT<br>== Copyright<br>Copyright (c) Sindre Sorhus <sindresorhus@gmail.com><br>(sindresorhus.com)<br>----- (separator)<br>-----<br>== Dependency<br>flatstr<br>== License Type<br>SPDX:MIT<br>== Copyright<br>Copyright (c) 2016 David Mark Clements<br>----- (separator)<br>-----<br>== Dependency<br>flush-write-stream<br>== License Type<br>SPDX:MIT<br>== Copyright<br>Copyright (c) 2015 Mathias Buus<br>----- (separator)<br>-----<br>== Dependency<br>focus-lock |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2017 Anton<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>follow-redirects</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright 2014–present Olivier Lalonde<br/>&lt;olalonde@gmail.com&gt;, James Talmage<br/>&lt;james@talmage.io&gt;, Ruben Verborgh<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>for-in</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2014-2017, Jon Schlinkert<br/>Copyright (c) 2014-2017, Jon Schlinkert.<br/>Copyright © 2017, [Jon Schlinkert](https://github.com/<br/>jonschlinkert).<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>forever-agent</p> <p>== License Type<br/>SPDX:Apache-2.0</p> <p>== Copyright<br/>(no copyright notices found)<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>form-data</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2012 Felix Geisendörfer<br/>(felix@debuggable.com) and contributors</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>form-data</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2012 Felix Geisendörfer<br/>(felix@debuggable.com) and contributors</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>forwarded-parse</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2015 Luigi Pinca</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>fp-ts</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2017-present Giulio Canti</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>fraction.js</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2014-2019, [Robert Eisele](https://<br/>www.xarg.org/)<br/>Copyright (c) 2017 Robert Eisele<br/>Copyright (c) 2021, Robert Eisele (robert@xarg.org)</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>fragment-cache</p> <p>== License Type<br/>SPDX:MIT</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>== Copyright<br/> Copyright (c) 2016-2017, Jon Schlinkert<br/> Copyright (c) 2016-2017, Jon Schlinkert.<br/> Copyright © 2016, [Jon Schlinkert](https://github.com/jonschlinkert).<br/> ----- (separator)<br/> -----</p> <p>== Dependency<br/> from2</p> <p>== License Type<br/> SPDX:MIT</p> <p>== Copyright<br/> Copyright (c) 2014 Hugh Kennedy<br/> ----- (separator)<br/> -----</p> <p>== Dependency<br/> fs-constants</p> <p>== License Type<br/> SPDX:MIT</p> <p>== Copyright<br/> Copyright (c) 2018 Mathias Buus<br/> ----- (separator)<br/> -----</p> <p>== Dependency<br/> fs-minipass</p> <p>== License Type<br/> ===ISC-82703a69<br/> The ISC License<br/> Copyright (c) Isaac Z. Schlueter and Contributors<br/> Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.<br/> THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES</p> |



Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.</p> <p>== Copyright<br/>Copyright (c) Isaac Z. Schlueter and Contributors<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>fs-mkdirp-stream</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2017 Blaine Bublitz &lt;blaine.bublitz@gmail.com&gt;, Eric Schoffstall &lt;yo@contra.io&gt; and other contributors (Originally based on code from node-mkdirp - MIT/X11 license - Copyright 2010 James Halliday)<br/>Copyright 2010 James Halliday) with heavy modification to better support custom modes.<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>fs-readdir-recursive</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2014 Jonathan Ong me@jongleberry.com<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>fs-write-stream-atomic</p> <p>== License Type<br/>===ISC-82703a69<br/>The ISC License<br/>Copyright (c) Isaac Z. Schlueter and Contributors<br/>Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.</p> <p>== Copyright<br/>Copyright (c) Isaac Z. Schlueter and Contributors<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>fs.realpath</p> <p>== License Type<br/>===ISC-06247052<br/>The ISC License<br/>Copyright (c) Isaac Z. Schlueter and Contributors<br/>Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.</p> <p>THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.</p> <p>----</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>This library bundles a version of the `fs.realpath` and `fs.realpathSync` methods from Node.js v0.10 under the terms of the Node.js MIT license.</p> <p>Node's license follows, also included at the header of `old.js` which contains the licensed code:</p> <p>Copyright Joyent, Inc. and other Node contributors.</p> <p>Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:</p> <p>The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.</p> <p>THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.</p> <p>== Copyright<br/>Copyright (c) Isaac Z. Schlueter and Contributors<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>fsevents</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Copyright (C) 2010-2020 by Philipp Dunkel, Ben Noordhuis, Elan Shankar, Paul Miller</p> <p>Copyright (C) 2010-2020 by Philipp Dunkel, Ben Noordhuis, Elan Shankar, Paul Miller — see LICENSE file.</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>fsevents</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (C) 2010-2020 by Philipp Dunkel, Ben Noordhuis, Elan Shankar, Paul Miller</p> <p>Copyright (C) 2010-2020 by Philipp Dunkel, Ben Noordhuis, Elan Shankar, Paul Miller — see LICENSE file.</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>function-bind</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) 2013 Raynos.</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>gauge</p> <p>== License Type</p> <p>===ISC-43abbc6f</p> <p>Copyright (c) 2014, Rebecca Turner &lt;me@re-becca.org&gt;</p> <p>Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.</p> <p>THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.</p> <p>== Copyright<br/>Copyright (c) 2014, Rebecca Turner &lt;me@re-becca.org&gt;<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>gaze</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2010 Caolan McMahon<br/>Copyright (c) 2018 Kyle Robinson Young<br/>Copyright 2009-2013 Jeremy Ashkenas, DocumentCloud Inc.<br/>Copyright 2012-2013 The Dojo Foundation &lt;http://dojofoundation.org/&gt;<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>gensync</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright 2018 Logan Smyth &lt;loganfsmyth@gmail.com&gt;<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>get-caller-file</p> <p>== License Type<br/>===ISC-d21aa422<br/>ISC License (ISC)<br/>Copyright 2018 Stefan Penner</p> <p>Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.</p> <p>THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.</p> <p>== Copyright<br/>Copyright 2018 Stefan Penner<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>get-intrinsic<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) 2020 Jordan Harband<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>get-nonce<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) 2020 Anton Korzunov<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>get-stdin<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) Sindre Sorhus &lt;sindresorhus@gmail.com&gt; (sindresorhus.com)<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>get-stream<br/>== License Type<br/>SPDX:MIT<br/>== Copyright</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Copyright (c) Sindre Sorhus &lt;sindresorhus@gmail.com&gt;<br/>(https://sindresorhus.com)</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency<br/>get-symbol-description</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2021 Inspect JS</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency<br/>get-value</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2014-2015, Jon Schlinkert.<br/>Copyright (c) 2014-2016, Jon Schlinkert.</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency<br/>getopts</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright © Jorge Bucaran &lt;&lt;https://jorgebucaran.com&gt;&gt;</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency<br/>getos</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2016 William Blankenship</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency<br/>getpass</p> <p>== License Type<br/>SPDX:MIT</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>== Copyright<br/>Copyright 2016, Joyent, Inc. All rights reserved.<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>glob-all</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>(no copyright notices found)<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>glob-parent</p> <p>== License Type<br/>===ISC-741e3802</p> <p>The ISC License<br/>Copyright (c) 2015, 2019 Elan Shanker, 2021 Blaine Bublitz<br/>&lt;blaine.bublitz@gmail.com&gt;, Eric Schoffstall &lt;yo@contra.io&gt;<br/>and other contributors</p> <p>Permission to use, copy, modify, and/or distribute this<br/>software for any<br/>purpose with or without fee is hereby granted, provided that<br/>the above<br/>copyright notice and this permission notice appear in all<br/>copies.</p> <p>THE SOFTWARE IS PROVIDED "AS IS" AND THE<br/>AUTHOR DISCLAIMS ALL WARRANTIES<br/>WITH REGARD TO THIS SOFTWARE INCLUDING ALL<br/>IMPLIED WARRANTIES OF<br/>MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL<br/>THE AUTHOR BE LIABLE FOR<br/>ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL<br/>DAMAGES OR ANY DAMAGES<br/>WHATSOEVER RESULTING FROM LOSS OF USE, DATA<br/>OR PROFITS, WHETHER IN AN<br/>ACTION OF CONTRACT, NEGLIGENCE OR OTHER<br/>TORTIOUS ACTION, ARISING OUT OF OR<br/>IN CONNECTION WITH THE USE OR PERFORMANCE OF<br/>THIS SOFTWARE.</p> <p>== Copyright<br/>Copyright (c) 2015, 2019 Elan Shanker, 2021 Blaine Bublitz<br/>&lt;blaine.bublitz@gmail.com&gt;, Eric Schoffstall &lt;yo@contra.io&gt;<br/>and other contributors</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>glob-stream</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2015-2017 Blaine Bublitz<br/>&lt;blaine.bublitz@gmail.com&gt;, Eric Schoffstall &lt;yo@contra.io&gt;<br/>and other contributors</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>glob-to-regexp</p> <p>== License Type<br/>SPDX:BSD-2-Clause</p> <p>== Copyright<br/>Copyright (c) 2013, Nick Fitzgerald</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>glob-to-regexp</p> <p>== License Type<br/>SPDX:BSD-2-Clause</p> <p>== Copyright<br/>Copyright (c) 2013, Nick Fitzgerald</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>glob</p> <p>== License Type<br/>===ISC-c727d36f</p> <p>The ISC License</p> <p>Copyright (c) Isaac Z. Schlueter and Contributors</p> <p>Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.</p> <p>THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES</p> |

Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.</p> <p>## Glob Logo</p> <p>Glob's logo created by Tanya Brassie &lt;<a href="http://tanyabrassie.com/">http://tanyabrassie.com/</a>&gt;, licensed under a Creative Commons Attribution-ShareAlike 4.0 International License<br/><a href="https://creativecommons.org/licenses/by-sa/4.0/">https://creativecommons.org/licenses/by-sa/4.0/</a></p> <p>== Copyright<br/>Copyright (c) Isaac Z. Schlueter and Contributors<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>glob</p> <p>== License Type<br/>===ISC-c727d36f</p> <p>The ISC License<br/>Copyright (c) Isaac Z. Schlueter and Contributors<br/>Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.</p> <p>THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.</p> <p>## Glob Logo</p> <p>Glob's logo created by Tanya Brassie &lt;<a href="http://tanyabrassie.com/">http://tanyabrassie.com/</a>&gt;, licensed under a Creative Commons Attribution-ShareAlike 4.0 International License<br/> <a href="https://creativecommons.org/licenses/by-sa/4.0/">https://creativecommons.org/licenses/by-sa/4.0/</a></p> <p>== Copyright<br/> Copyright (c) Isaac Z. Schlueter and Contributors<br/> ----- (separator)<br/> -----</p> <p>== Dependency<br/> globals</p> <p>== License Type<br/> SPDX:MIT</p> <p>== Copyright<br/> Copyright (c) Sindre Sorhus &lt;<a href="mailto:sindresorhus@gmail.com">sindresorhus@gmail.com</a>&gt; (<a href="http://sindresorhus.com">sindresorhus.com</a>)<br/> ----- (separator)<br/> -----</p> <p>== Dependency<br/> globby</p> <p>== License Type<br/> SPDX:MIT</p> <p>== Copyright<br/> Copyright (c) Sindre Sorhus &lt;<a href="mailto:sindresorhus@gmail.com">sindresorhus@gmail.com</a>&gt; (<a href="http://sindresorhus.com">sindresorhus.com</a>)<br/> ----- (separator)<br/> -----</p> <p>== Dependency<br/> globby</p> <p>== License Type<br/> SPDX:MIT</p> <p>== Copyright<br/> Copyright (c) Sindre Sorhus &lt;<a href="mailto:sindresorhus@gmail.com">sindresorhus@gmail.com</a>&gt; (<a href="http://sindresorhus.com">sindresorhus.com</a>)<br/> ----- (separator)<br/> -----</p> <p>== Dependency<br/> globby</p> <p>== License Type</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) Sindre Sorhus &lt;sindresorhus@gmail.com&gt;<br/>(sindresorhus.com)</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>globby</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) Sindre Sorhus &lt;sindresorhus@gmail.com&gt;<br/>(sindresorhus.com)</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>globule</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) 2018 "Cowboy" Ben Alman</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>graceful-fs</p> <p>== License Type</p> <p>===ISC-fd63805f</p> <p>The ISC License</p> <p>Copyright (c) Isaac Z. Schlueter, Ben Noordhuis, and<br/>Contributors</p> <p>Permission to use, copy, modify, and/or distribute this<br/>software for any<br/>purpose with or without fee is hereby granted, provided that<br/>the above<br/>copyright notice and this permission notice appear in all<br/>copies.</p> <p>THE SOFTWARE IS PROVIDED "AS IS" AND THE<br/>AUTHOR DISCLAIMS ALL WARRANTIES<br/>WITH REGARD TO THIS SOFTWARE INCLUDING ALL<br/>IMPLIED WARRANTIES OF<br/>MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL<br/>THE AUTHOR BE LIABLE FOR<br/>ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL<br/>DAMAGES OR ANY DAMAGES</p> |

Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.</p> <p>== Copyright<br/>Copyright (c) Isaac Z. Schlueter, Ben Noordhuis, and Contributors<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>gulp-zip<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) Sindre Sorhus &lt;sindresorhus@gmail.com&gt; (sindresorhus.com)<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>handlebars<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (C) 2011-2019 by Yehuda Katz<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>har-schema<br/>== License Type<br/>===ISC-bfa81591<br/>Copyright (c) 2015, Ahmad Nassri &lt;ahmad@ahmadnassri.com&gt;<br/>Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.<br/>THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.</p> <p>== Copyright<br/>Copyright (c) 2015, Ahmad Nassri<br/>&lt;ahmad@ahmadnassri.com&gt;<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>har-validator</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2018 Ahmad Nassri<br/>&lt;ahmad@ahmadnassri.com&gt;<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>hard-rejection</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) Sindre Sorhus &lt;sindresorhus@gmail.com&gt;<br/>(sindresorhus.com)<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>has-ansi</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) Sindre Sorhus &lt;sindresorhus@gmail.com&gt;<br/>(sindresorhus.com)<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>has-bigints</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2019 Jordan Harband<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>has-flag</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) Sindre Sorhus &lt;sindresorhus@gmail.com&gt;<br/>(sindresorhus.com)<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>has-flag</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) Sindre Sorhus &lt;sindresorhus@gmail.com&gt;<br/>(sindresorhus.com)<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>has-glob</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2015, Jon Schlinkert.<br/>Copyright (c) 2015-2016, Jon Schlinkert<br/>Copyright © 2016, [Jon Schlinkert](https://github.com/jonschlinkert).<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>has-symbols</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2016 Jordan Harband</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>has-tostringtag<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) 2021 Inspect JS<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>has-unicode<br/>== License Type<br/>===ISC-2bab5b1c<br/>Copyright (c) 2014, Rebecca Turner &lt;me@re-becca.org&gt;<br/>Permission to use, copy, modify, and/or distribute this<br/>software for any<br/>purpose with or without fee is hereby granted, provided that<br/>the above<br/>copyright notice and this permission notice appear in all<br/>copies.<br/>THE SOFTWARE IS PROVIDED "AS IS" AND THE<br/>AUTHOR DISCLAIMS ALL WARRANTIES<br/>WITH REGARD TO THIS SOFTWARE INCLUDING ALL<br/>IMPLIED WARRANTIES OF<br/>MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL<br/>THE AUTHOR BE LIABLE FOR<br/>ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL<br/>DAMAGES OR ANY DAMAGES<br/>WHATSOEVER RESULTING FROM LOSS OF USE, DATA<br/>OR PROFITS, WHETHER IN AN<br/>ACTION OF CONTRACT, NEGLIGENCE OR OTHER<br/>TORTIOUS ACTION, ARISING OUT OF<br/>OR IN CONNECTION WITH THE USE OR<br/>PERFORMANCE OF THIS SOFTWARE.<br/>== Copyright<br/>Copyright (c) 2014, Rebecca Turner &lt;me@re-becca.org&gt;<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>has-value<br/>== License Type<br/>SPDX:MIT<br/>== Copyright</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Copyright (c) 2014-2017, Jon Schlinkert<br/> Copyright (c) 2014-2017, Jon Schlinkert.<br/> Copyright © 2017, [Jon Schlinkert](https://github.com/jonschlinkert).<br/> ----- (separator)<br/> -----</p> <p>== Dependency<br/> has-value<br/> == License Type<br/> SPDX:MIT<br/> == Copyright<br/> Copyright (c) 2014-2017, Jon Schlinkert<br/> Copyright (c) 2014-2017, Jon Schlinkert.<br/> Copyright © 2017, [Jon Schlinkert](https://github.com/jonschlinkert).<br/> ----- (separator)<br/> -----</p> <p>== Dependency<br/> has-values<br/> == License Type<br/> SPDX:MIT<br/> == Copyright<br/> Copyright (c) 2014-2015, 2017, Jon Schlinkert.<br/> Copyright (c) 2014-2017, Jon Schlinkert<br/> Copyright © 2017, [Jon Schlinkert](https://github.com/jonschlinkert).<br/> ----- (separator)<br/> -----</p> <p>== Dependency<br/> has-values<br/> == License Type<br/> SPDX:MIT<br/> == Copyright<br/> Copyright (c) 2014-2015, 2017, Jon Schlinkert.<br/> Copyright (c) 2014-2017, Jon Schlinkert<br/> Copyright © 2017, [Jon Schlinkert](https://github.com/jonschlinkert).<br/> ----- (separator)<br/> -----</p> <p>== Dependency<br/> has<br/> == License Type<br/> SPDX:MIT</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <pre> == Copyright Copyright (c) 2013 Thiago de Arruda ----- (separator) -----  == Dependency hash-base  == License Type SPDX:MIT  == Copyright Copyright (c) 2016 Kirill Fomichev ----- (separator) -----  == Dependency hash.js  == License Type SPDX:MIT  == Copyright (no copyright notices found) ----- (separator) -----  == Dependency hast-to-hyperscript  == License Type SPDX:MIT  == Copyright Copyright (c) 2016 Titus Wormer &lt;tituswormer@gmail.com&gt; ----- (separator) -----  == Dependency hast-util-from-parse5  == License Type SPDX:MIT  == Copyright Copyright (c) 2016 Titus Wormer &lt;tituswormer@gmail.com&gt; ----- (separator) -----  == Dependency hast-util-is-element  == License Type SPDX:MIT  == Copyright </pre> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Copyright (c) 2016 Titus Wormer &lt;tituswormer@gmail.com&gt;<br/>           ----- (separator)<br/>           -----</p> <p>== Dependency<br/>           hast-util-parse-selector</p> <p>== License Type<br/>           SPDX:MIT</p> <p>== Copyright<br/>           Copyright (c) 2016 Titus Wormer &lt;tituswormer@gmail.com&gt;<br/>           ----- (separator)<br/>           -----</p> <p>== Dependency<br/>           hast-util-raw</p> <p>== License Type<br/>           SPDX:MIT</p> <p>== Copyright<br/>           Copyright (c) 2016 Titus Wormer &lt;tituswormer@gmail.com&gt;<br/>           ----- (separator)<br/>           -----</p> <p>== Dependency<br/>           hast-util-to-html</p> <p>== License Type<br/>           SPDX:MIT</p> <p>== Copyright<br/>           Copyright (c) 2016 Titus Wormer &lt;tituswormer@gmail.com&gt;<br/>           ----- (separator)<br/>           -----</p> <p>== Dependency<br/>           hast-util-to-parse5</p> <p>== License Type<br/>           SPDX:MIT</p> <p>== Copyright<br/>           Copyright (c) 2016 Titus Wormer &lt;tituswormer@gmail.com&gt;<br/>           ----- (separator)<br/>           -----</p> <p>== Dependency<br/>           hast-util-whitespace</p> <p>== License Type<br/>           SPDX:MIT</p> <p>== Copyright<br/>           Copyright (c) 2016 Titus Wormer &lt;tituswormer@gmail.com&gt;</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>hastscript<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) 2016 Titus Wormer &lt;tituswormer@gmail.com&gt;<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>history<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) React Training 2016-2018<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>hjson<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) 2014-2017 Christian Zangl<br/>Copyright 2014-2017 Christian Zangl, MIT license<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>hmac-drbg<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>(no copyright notices found)<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>hoek<br/>== License Type<br/>===BSD-3-Clause--modified-by-Google-f624e837<br/>Copyright (c) 2011-2017, Project contributors<br/>Copyright (c) 2011-2014, Walmart</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Copyright (c) 2011, Yahoo Inc.<br/>All rights reserved.</p> <p>Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:</p> <ul style="list-style-type: none"> <li>* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.</li> <li>* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.</li> <li>* The names of any contributors may not be used to endorse or promote products derived from this software without specific prior written permission.</li> </ul> <p>THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDERS AND CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>* * *</p> <p>The complete list of contributors can be found at: <a href="https://github.com/hapijs/hapi/graphs/contributors">https://github.com/hapijs/hapi/graphs/contributors</a><br/>Portions of this project were initially based on the Yahoo! Inc. Postmile project, published at <a href="https://github.com/yahoo/postmile">https://github.com/yahoo/postmile</a>.</p> <p>== Copyright</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Copyright (c) 2011, Yahoo Inc.<br/> Copyright (c) 2011-2014, Walmart<br/> Copyright (c) 2011-2017, Project contributors<br/> ----- (separator)<br/> -----</p> <p>== Dependency<br/> hoek</p> <p>== License Type<br/> ===BSD-3-Clause--modified-by-Google-f624e837</p> <p>Copyright (c) 2011-2017, Project contributors<br/> Copyright (c) 2011-2014, Walmart<br/> Copyright (c) 2011, Yahoo Inc.<br/> All rights reserved.</p> <p>Redistribution and use in source and binary forms, with or without<br/> modification, are permitted provided that the following<br/> conditions are met:</p> <p>* Redistributions of source code must retain the above<br/> copyright<br/> notice, this list of conditions and the following disclaimer.</p> <p>* Redistributions in binary form must reproduce the above<br/> copyright<br/> notice, this list of conditions and the following disclaimer in<br/> the<br/> documentation and/or other materials provided with the<br/> distribution.</p> <p>* The names of any contributors may not be used to endorse<br/> or promote<br/> products derived from this software without specific prior<br/> written<br/> permission.</p> <p>THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT<br/> HOLDERS AND CONTRIBUTORS "AS IS" AND<br/> ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING,<br/> BUT NOT LIMITED TO, THE IMPLIED<br/> WARRANTIES OF MERCHANTABILITY AND FITNESS<br/> FOR A PARTICULAR PURPOSE ARE<br/> DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT<br/> HOLDERS AND CONTRIBUTORS BE LIABLE FOR ANY<br/> DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY,<br/> OR CONSEQUENTIAL DAMAGES<br/> (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF<br/> SUBSTITUTE GOODS OR SERVICES;<br/> LOSS OF USE, DATA, OR PROFITS; OR BUSINESS<br/> INTERRUPTION) HOWEVER CAUSED AND<br/> ON ANY THEORY OF LIABILITY, WHETHER IN<br/> CONTRACT, STRICT LIABILITY, OR TORT</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>* * *</p> <p>The complete list of contributors can be found at: <a href="https://github.com/hapijs/hapi/graphs/contributors">https://github.com/hapijs/hapi/graphs/contributors</a></p> <p>Portions of this project were initially based on the Yahoo! Inc. Postmile project, published at <a href="https://github.com/yahoo/postmile">https://github.com/yahoo/postmile</a>.</p> <p>== Copyright</p> <p>Copyright (c) 2011, Yahoo Inc.</p> <p>Copyright (c) 2011-2014, Walmart</p> <p>Copyright (c) 2011-2017, Project contributors</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>hoist-non-react-statics</p> <p>== License Type</p> <p>===BSD-3-Clause--modified-by-Google-e987655e</p> <p>Software License Agreement (BSD License)</p> <p>=====</p> <p>Copyright (c) 2015, Yahoo! Inc. All rights reserved.</p> <p>-----</p> <p>Redistribution and use of this software in source and binary forms, with or without modification, are permitted provided that the following conditions are met:</p> <p>* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.</p> <p>* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.</p> <p>* Neither the name of Yahoo! Inc. nor the names of YUI's contributors may be used to endorse or promote products derived from this software without specific prior written permission of Yahoo! Inc.</p> <p>THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>== Copyright<br/>Copyright (c) 2015, Yahoo! Inc. All rights reserved.<br/>Copyright 2015, Yahoo! Inc.</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>hosted-git-info</p> <p>== License Type<br/>===ISC-a01f10cd</p> <p>Copyright (c) 2015, Rebecca Turner</p> <p>Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.</p> <p>THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>== Copyright<br/>Copyright (c) 2015, Rebecca Turner<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>hosted-git-info</p> <p>== License Type<br/>===ISC-a01f10cd<br/>Copyright (c) 2015, Rebecca Turner<br/>Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.<br/><br/>THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.</p> <p>== Copyright<br/>Copyright (c) 2015, Rebecca Turner<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>hpagent</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2020 Tomas Della Vedova<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>html-void-elements</p> <p>== License Type</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | SPDX:MIT<br>== Copyright<br>Copyright (c) 2016 Titus Wormer <tituswormer@gmail.com><br>----- (separator)<br>-----<br>== Dependency<br>htmlparser2<br>== License Type<br>SPDX:MIT<br>== Copyright<br>Copyright 2010, 2011, Chris Winberry <chris@winberry.net>.<br>All rights reserved.<br>----- (separator)<br>-----<br>== Dependency<br>http-headers<br>== License Type<br>SPDX:MIT<br>== Copyright<br>Copyright (c) 2014-2017 Thomas Watson Steen<br>----- (separator)<br>-----<br>== Dependency<br>http-proxy-agent<br>== License Type<br>SPDX:MIT<br>== Copyright<br>Copyright (c) 2013 Nathan Rajlich<br>&lt;nathan@tootallnate.net&gt;<br>----- (separator)<br>-----<br>== Dependency<br>http-signature<br>== License Type<br>SPDX:MIT<br>== Copyright<br>Copyright 2012 Joyent, Inc. All rights reserved.<br>Copyright 2015 Joyent, Inc.<br>----- (separator)<br>-----<br>== Dependency<br>https-browserify |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) James Halliday<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>https-proxy-agent</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2013 Nathan Rajlich<br/>&lt;nathan@tootallnate.net&gt;<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>human-signals</p> <p>== License Type<br/>SPDX:Apache-2.0</p> <p>== Copyright<br/>Copyright 2019 ehmicky &lt;ehmicky@gmail.com&gt;<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>humanize-ms</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>(no copyright notices found)<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>hyphenate-style-name</p> <p>== License Type<br/>==BSD-3-Clause-c79ecff5</p> <p>Copyright (c) 2015, Espen Hovlandsdal<br/>All rights reserved.</p> <p>Redistribution and use in source and binary forms, with or without<br/>modification, are permitted provided that the following<br/>conditions are met:</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.</p> <p>* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.</p> <p>* Neither the name of hyphenate-style-name nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.</p> <p>THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>== Copyright<br/>Copyright (c) 2015, Espen Hovlandsdal<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>iconv-lite</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2011 Alexander Shtuchkin<br/>Copyright (c) Microsoft Corporation. All rights reserved.<br/>----- (separator)<br/>-----</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>== Dependency<br/>icss-utils</p> <p>== License Type<br/>===ISC-4580714a</p> <p>ISC License (ISC)<br/>Copyright 2018 Glen Maddern</p> <p>Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.</p> <p>THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.</p> <p>== Copyright<br/>Copyright 2018 Glen Maddern</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>ieee754</p> <p>== License Type<br/>SPDX:BSD-3-Clause</p> <p>== Copyright<br/>Copyright (c) 2008, Fair Oaks Labs, Inc.<br/>Copyright 2008 Fair Oaks Labs, Inc.</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>iferr</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2014 Nadav Ivgi</p> <p>----- (separator)<br/>-----</p> <p>== Dependency</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>ignore</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) 2013 Kael Zhang &lt;i@kael.me&gt;, contributors</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>ignore</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) 2013 Kael Zhang &lt;i@kael.me&gt;, contributors</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>immer</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) 2017 Michel Weststrate</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>import-fresh</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) Sindre Sorhus &lt;sindresorhus@gmail.com&gt;<br/>(https://sindresorhus.com)</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>imurmurhash</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) 2013 Gary Court, Jens Taylor</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>indent-string</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) Sindre Sorhus &lt;sindresorhus@gmail.com&gt;<br/>(sindresorhus.com)</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>infer-owner</p> <p>== License Type</p> <p>===ISC-ff53df3a</p> <p>The ISC License</p> <p>Copyright (c) npm, Inc. and Contributors</p> <p>Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.</p> <p>THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.</p> <p>== Copyright</p> <p>Copyright (c) npm, Inc. and Contributors</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>inflight</p> <p>== License Type</p> <p>===ISC-90a3ca01</p> <p>The ISC License</p> <p>Copyright (c) Isaac Z. Schlueter</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.</p> <p>THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.</p> <p>== Copyright<br/>Copyright (c) Isaac Z. Schlueter<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>inherits</p> <p>== License Type<br/>===ISC-5b2ef224</p> <p>The ISC License<br/>Copyright (c) Isaac Z. Schlueter</p> <p>Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.</p> <p>THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.</p> <p>== Copyright<br/>Copyright (c) Isaac Z. Schlueter<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>inherits</p> <p>== License Type<br/>===ISC-5b2ef224</p> <p>The ISC License<br/>Copyright (c) Isaac Z. Schlueter<br/>Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.</p> <p>THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.</p> <p>== Copyright<br/>Copyright (c) Isaac Z. Schlueter<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>inherits</p> <p>== License Type<br/>===ISC-5b2ef224</p> <p>The ISC License<br/>Copyright (c) Isaac Z. Schlueter</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.</p> <p>THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.</p> <p>== Copyright<br/>Copyright (c) Isaac Z. Schlueter<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>inline-style-prefixer</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2015 Robin Frischmann<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>inline-style</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) Ellen Gummesson<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>inquirer</p> <p>== License Type<br/>SPDX:MIT</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <pre> == Copyright Copyright (c) 2012 Simon Boudrias Copyright (c) 2016 Simon Boudrias (twitter: [@vaxilart] (https://twitter.com/Vaxilart)) ----- (separator) -----  == Dependency install-artifact-from-github  == License Type ===BSD-3-Clause--modified-by-Google-84b1ed10  This library is available under the terms of the modified BSD license. No external contributions are allowed under licenses which are fundamentally incompatible with the BSD license that this library is distributed under.  The text of the BSD license is reproduced below.  -----  The "New" BSD License: *****  Copyright (c) 2005-2020, Eugene Lazutkin All rights reserved.  Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:  * Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer. * Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution. * Neither the name of Eugene Lazutkin nor the names of other contributors may be used to endorse or promote products derived from this software without specific prior written permission.  THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE </pre> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>== Copyright<br/>Copyright (c) 2005-2020, Eugene Lazutkin<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>internal-slot</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2019 Jordan Harband<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>interpret</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2014-2018 Tyler Kellen &lt;tyler@sleekcode.net&gt;, Blaine Bublitz &lt;blaine.bublitz@gmail.com&gt;, and Eric Schoffstall &lt;yo@contra.io&gt;<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>intl-format-cache</p> <p>== License Type<br/>===BSD-3-Clause-88ca0f62</p> <p>Copyright 2014 Yahoo! Inc.<br/>All rights reserved.</p> <p>Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.</p> <p>* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.</p> <p>* Neither the name of the Yahoo! Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.</p> <p>THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL YAHOO! INC. BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>== Copyright<br/>Copyright (c) 2014, Yahoo! Inc. All rights reserved.<br/>Copyright 2014 Yahoo! Inc.<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>intl-messageformat-parser</p> <p>== License Type<br/>===BSD-3-Clause-0a295ef0</p> <p>Copyright 2014 Yahoo! Inc.<br/>All rights reserved.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:</p> <p>* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.</p> <p>* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.</p> <p>* Neither the name of the Yahoo! Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.</p> <p>THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL YAHOO! INC. BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>-----</p> <p>Inspired by and derived from:<br/>messageformat.js <a href="https://github.com/SlexAxton/messageformat.js">https://github.com/SlexAxton/messageformat.js</a><br/>Copyright 2014 Alex Sexton<br/>Apache License, Version 2.0</p> <p>== Copyright<br/>Copyright 2014 Alex Sexton<br/>Copyright 2014 Yahoo! Inc.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>intl-messageformat</p> <p>== License Type<br/>===BSD-3-Clause-54bbb70c</p> <p>Copyright 2013 Yahoo! Inc.<br/>All rights reserved.</p> <p>Redistribution and use in source and binary forms, with or without<br/>modification, are permitted provided that the following<br/>conditions are met:</p> <p>* Redistributions of source code must retain the above<br/>copyright<br/>notice, this list of conditions and the following disclaimer.</p> <p>* Redistributions in binary form must reproduce the above<br/>copyright<br/>notice, this list of conditions and the following disclaimer in<br/>the<br/>documentation and/or other materials provided with the<br/>distribution.</p> <p>* Neither the name of the Yahoo! Inc. nor the<br/>names of its contributors may be used to endorse or promote<br/>products<br/>derived from this software without specific prior written<br/>permission.</p> <p>THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT<br/>HOLDERS AND CONTRIBUTORS "AS IS" AND<br/>ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING,<br/>BUT NOT LIMITED TO, THE IMPLIED<br/>WARRANTIES OF MERCHANTABILITY AND FITNESS<br/>FOR A PARTICULAR PURPOSE ARE<br/>DISCLAIMED. IN NO EVENT SHALL YAHOO! INC. BE<br/>LIABLE FOR ANY<br/>DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY,<br/>OR CONSEQUENTIAL DAMAGES<br/>(INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF<br/>SUBSTITUTE GOODS OR SERVICES;<br/>LOSS OF USE, DATA, OR PROFITS; OR BUSINESS<br/>INTERRUPTION) HOWEVER CAUSED AND<br/>ON ANY THEORY OF LIABILITY, WHETHER IN<br/>CONTRACT, STRICT LIABILITY, OR TORT<br/>(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN<br/>ANY WAY OUT OF THE USE OF THIS<br/>SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF<br/>SUCH DAMAGE.</p> <p>-----</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Pluralization rules built from<br/> <a href="https://github.com/papandreou/node-cldr">https://github.com/papandreou/node-cldr</a><br/> which is licensed under the BSD license and has the following license:</p> <p>Copyright (c) 2012, Andreas Lind Petersen<br/> All rights reserved.</p> <p>See the following for more details:<br/> <a href="https://github.com/papandreou/node-cldr/blob/master/LICENSE">https://github.com/papandreou/node-cldr/blob/master/LICENSE</a></p> <p>== Copyright<br/> Copyright (c) 2012, Andreas Lind Petersen<br/> Copyright (c) 2014, Yahoo! Inc. All rights reserved.<br/> Copyright 2013 Andy Earnshaw, MIT License<br/> Copyright 2013 Yahoo! Inc.</p> <p>----- (separator)<br/> -----</p> <p>== Dependency<br/> intl-relativeformat</p> <p>== License Type<br/> ===BSD-3-Clause-b1e41cef</p> <p>Copyright 2014 Yahoo! Inc.<br/> All rights reserved.</p> <p>Redistribution and use in source and binary forms, with or without<br/> modification, are permitted provided that the following<br/> conditions are met:</p> <p>* Redistributions of source code must retain the above<br/> copyright<br/> notice, this list of conditions and the following disclaimer.</p> <p>* Redistributions in binary form must reproduce the above<br/> copyright<br/> notice, this list of conditions and the following disclaimer in the<br/> documentation and/or other materials provided with the<br/> distribution.</p> <p>* Neither the name of the Yahoo! Inc. nor the<br/> names of its contributors may be used to endorse or promote<br/> products<br/> derived from this software without specific prior written<br/> permission.</p> <p>THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT<br/> HOLDERS AND CONTRIBUTORS "AS IS" AND<br/> ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING,<br/> BUT NOT LIMITED TO, THE IMPLIED</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL YAHOO! INC. BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>-----</p> <p>Pluralization rules built from<br/> <a href="https://github.com/papandreou/node-cldr">https://github.com/papandreou/node-cldr</a><br/> which is licensed under the BSD license and has the following license:</p> <p>Copyright (c) 2012, Andreas Lind Petersen<br/> All rights reserved.</p> <p>See the following for more details:<br/> <a href="https://github.com/papandreou/node-cldr/blob/master/LICENSE">https://github.com/papandreou/node-cldr/blob/master/LICENSE</a></p> <p>== Copyright<br/> Copyright (c) 2012, Andreas Lind Petersen<br/> Copyright (c) 2014, Yahoo! Inc. All rights reserved.<br/> Copyright 2013 Andy Earnshaw, MIT License<br/> Copyright 2014 Yahoo! Inc.</p> <p>----- (separator)<br/> -----</p> <p>== Dependency<br/> invariant</p> <p>== License Type<br/> SPDX:MIT</p> <p>== Copyright<br/> Copyright (c) 2013-present, Facebook, Inc.</p> <p>----- (separator)<br/> -----</p> <p>== Dependency<br/> ip-address</p> <p>== License Type</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | SPDX:MIT<br>== Copyright<br>Copyright (C) 2011 by Beau Gunderson<br>----- (separator)<br>-----<br>== Dependency<br>is-absolute<br>== License Type<br>SPDX:MIT<br>== Copyright<br>Copyright (c) 2009-2014, TJ Holowaychuk<br>Copyright (c) 2014-2017, Jon Schlinkert.<br>Copyright © 2017, [Jon Schlinkert](https://github.com/jonschlinkert).<br>----- (separator)<br>-----<br>== Dependency<br>is-accessor-descriptor<br>== License Type<br>SPDX:MIT<br>== Copyright<br>Copyright (c) 2015-2017, Jon Schlinkert.<br>Copyright © 2017, [Jon Schlinkert](https://github.com/jonschlinkert).<br>----- (separator)<br>-----<br>== Dependency<br>is-accessor-descriptor<br>== License Type<br>SPDX:MIT<br>== Copyright<br>Copyright (c) 2015-2017, Jon Schlinkert.<br>Copyright © 2017, [Jon Schlinkert](https://github.com/jonschlinkert).<br>----- (separator)<br>-----<br>== Dependency<br>is-alphabetical<br>== License Type<br>SPDX:MIT<br>== Copyright<br>Copyright (c) 2016 Titus Wormer <tituswormer@gmail.com> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>is-alphanumeric<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) 2016 Titus Wormer &lt;tituswormer@gmail.com&gt;<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>is-arrayish<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) 2015 JD Ballard<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>is-arrayish<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) 2015 JD Ballard<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>is-bigint<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) 2018 Jordan Harband<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>is-binary-path<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) 2019 Sindre Sorhus<br/>&lt;sindresorhus@gmail.com&gt; (<a href="https://sindresorhus.com">https://sindresorhus.com</a>), Paul<br/>Miller (<a href="https://paulmillr.com">https://paulmillr.com</a>)</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>is-binary-path<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) 2019 Sindre Sorhus<br/>&lt;sindresorhus@gmail.com&gt; (<a href="https://sindresorhus.com">https://sindresorhus.com</a>), Paul<br/>Miller (<a href="https://paulmillr.com">https://paulmillr.com</a>)</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>is-boolean-object<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) 2015 Jordan Harband</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>is-buffer<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (C) [Feross Aboukhadijeh](<a href="http://feross.org">http://feross.org</a>).<br/>Copyright (c) Feross Aboukhadijeh</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>is-buffer<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (C) [Feross Aboukhadijeh](<a href="http://feross.org">http://feross.org</a>).<br/>Copyright (c) Feross Aboukhadijeh</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>is-callable<br/>== License Type<br/>SPDX:MIT</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>== Copyright<br/>Copyright (c) 2015 Jordan Harband<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>is-core-module</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2014 Dave Justice<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>is-data-descriptor</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2015-2017, Jon Schlinkert.<br/>Copyright © 2017, [Jon Schlinkert](https://github.com/jonschlinkert).<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>is-data-descriptor</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2015-2017, Jon Schlinkert.<br/>Copyright © 2017, [Jon Schlinkert](https://github.com/jonschlinkert).<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>is-date-object</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2015 Jordan Harband<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>is-decimal</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2016 Titus Wormer &lt;tituswormer@gmail.com&gt;<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>is-descriptor</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2015-2017, Jon Schlinkert.<br/>Copyright © 2017, [Jon Schlinkert](https://github.com/jonschlinkert).<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>is-descriptor</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2015-2017, Jon Schlinkert.<br/>Copyright © 2017, [Jon Schlinkert](https://github.com/jonschlinkert).<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>is-extendable</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2015, Jon Schlinkert.<br/>Copyright © 2015 Jon Schlinkert<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>is-extendable</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2015, Jon Schlinkert.<br/>Copyright © 2015 Jon Schlinkert</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>is-extglob<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) 2014-2016, Jon Schlinkert<br/>Copyright (c) 2014-2016, Jon Schlinkert.<br/>Copyright © 2016, [Jon Schlinkert](https://github.com/jonschlinkert).</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>is-finite<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) Sindre Sorhus &lt;sindresorhus@gmail.com&gt;<br/>(sindresorhus.com)</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>is-fullwidth-code-point<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) Sindre Sorhus &lt;sindresorhus@gmail.com&gt;<br/>(sindresorhus.com)</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>is-fullwidth-code-point<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) Sindre Sorhus &lt;sindresorhus@gmail.com&gt;<br/>(sindresorhus.com)</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>is-fullwidth-code-point</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) Sindre Sorhus &lt;sindresorhus@gmail.com&gt;<br/>(sindresorhus.com)</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>is-glob</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2014-2017, Jon Schlinkert.<br/>Copyright © 2019, [Jon Schlinkert](https://github.com/jonschlinkert).</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>is-glob</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2014-2017, Jon Schlinkert.<br/>Copyright © 2019, [Jon Schlinkert](https://github.com/jonschlinkert).</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>is-hexadecimal</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2016 Titus Wormer &lt;tituswormer@gmail.com&gt;</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>is-integer</p> <p>== License Type<br/>SPDX:WTFPL</p> <p>== Copyright<br/>Copyright (C) 2004 Sam Hocevar &lt;sam@hocevar.net&gt;<br/>Copyright (C) 2004 Sam Hocevar \&lt;sam@hocevar.net&gt;</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>is-native<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) 2016 W.Y.<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>is-negated-glob<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) 2016 Jon Schlinkert<br/>Copyright © 2016, [Jon Schlinkert](https://github.com/jonschlinkert).<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>is-negative-zero<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) 2014 Jordan Harband<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>is-nil<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) 2016 W.Y.<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>is-number-object<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) 2015 Jordan Harband</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>is-number<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) 2014-2015, Jon Schlinkert.<br/>Copyright (c) 2014-2016, Jon Schlinkert<br/>Copyright © 2016, [Jon Schlinkert](https://github.com/jonschlinkert).</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>is-number<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) 2014-2015, Jon Schlinkert.<br/>Copyright (c) 2014-2016, Jon Schlinkert<br/>Copyright © 2016, [Jon Schlinkert](https://github.com/jonschlinkert).</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>is-path-cwd<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) Sindre Sorhus &lt;sindresorhus@gmail.com&gt;<br/>(sindresorhus.com)</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>is-path-in-cwd<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) Sindre Sorhus &lt;sindresorhus@gmail.com&gt;<br/>(sindresorhus.com)</p> <p>----- (separator)<br/>-----</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>== Dependency<br/>is-path-inside<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) Sindre Sorhus &lt;sindresorhus@gmail.com&gt;<br/>(sindresorhus.com)<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>is-path-inside<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) Sindre Sorhus &lt;sindresorhus@gmail.com&gt;<br/>(sindresorhus.com)<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>is-plain-obj<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) Sindre Sorhus &lt;sindresorhus@gmail.com&gt;<br/>(sindresorhus.com)<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>is-plain-obj<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) Sindre Sorhus &lt;sindresorhus@gmail.com&gt;<br/>(sindresorhus.com)<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>is-plain-object<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) 2014-2017, Jon Schlinkert.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Copyright © 2017, [Jon Schlinkert](https://github.com/jonschlinkert).</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>is-regex</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) 2014 Jordan Harband</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>is-relative</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) 2014-2017, Jon Schlinkert.</p> <p>Copyright © 2017, [Jon Schlinkert](https://github.com/jonschlinkert).</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>is-shared-array-buffer</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) 2021 Inspect JS</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>is-stream</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) Sindre Sorhus &lt;sindresorhus@gmail.com&gt; (sindresorhus.com)</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>is-string</p> <p>== License Type</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | SPDX:MIT<br>== Copyright<br>Copyright (c) 2015 Jordan Harband<br>----- (separator)<br>-----<br>== Dependency<br>is-symbol<br>== License Type<br>SPDX:MIT<br>== Copyright<br>Copyright (c) 2015 Jordan Harband<br>----- (separator)<br>-----<br>== Dependency<br>is-typedarray<br>== License Type<br>SPDX:MIT<br>== Copyright<br>(no copyright notices found)<br>----- (separator)<br>-----<br>== Dependency<br>is-unc-path<br>== License Type<br>SPDX:MIT<br>== Copyright<br>Copyright (c) 2015-2017, Jon Schlinkert.<br>Copyright © 2017, [Jon Schlinkert](https://github.com/jonschlinkert).<br>----- (separator)<br>-----<br>== Dependency<br>is-utf8<br>== License Type<br>SPDX:MIT<br>== Copyright<br>Copyright (C) 2014 Wei Fanzhe<br>----- (separator)<br>-----<br>== Dependency<br>is-valid-glob |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2015-2017, Jon Schlinkert<br/>Copyright © 2017, [Jon Schlinkert](https://github.com/jonschlinkert).<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>is-weakref</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2020 Inspect JS<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>is-whitespace-character</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2016 Titus Wormer &lt;tituswormer@gmail.com&gt;<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>is-windows</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2015-2018, Jon Schlinkert.<br/>Copyright © 2015-2018, Jon Schlinkert.<br/>Copyright © 2018, [Jon Schlinkert](https://github.com/jonschlinkert).<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>is-word-character</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2016 Titus Wormer &lt;tituswormer@gmail.com&gt;</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>is-wsl<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) Sindre Sorhus &lt;sindresorhus@gmail.com&gt;<br/>(sindresorhus.com)<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>isarray<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) 2013 Julian Gruber<br/>&amp;lt;julian@juliangruber.com&amp;gt;<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>isarray<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) 2013 Julian Gruber<br/>&amp;lt;julian@juliangruber.com&amp;gt;<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>isemail<br/>== License Type<br/>===BSD-3-Clause--modified-by-Google-f1f00247<br/>Copyright (c) 2014-2015, Eli Skeggs and Project contributors<br/>Copyright (c) 2013-2014, GlobeSherpa<br/>Copyright (c) 2008-2011, Dominic Sayers<br/>All rights reserved.<br/>Redistribution and use in source and binary forms, with or<br/>without<br/>modification, are permitted provided that the following<br/>conditions are met:<br/>* Redistributions of source code must retain the above<br/>copyright</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>notice, this list of conditions and the following disclaimer.</p> <p>* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.</p> <p>* The names of any contributors may not be used to endorse or promote products derived from this software without specific prior written permission.</p> <p>THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDERS AND CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>* * *</p> <p>The complete list of contributors can be found at: <a href="https://github.com/hapijs/isemail/graphs/contributors">https://github.com/hapijs/isemail/graphs/contributors</a><br/>Previously published under the 2-Clause-BSD license published here: <a href="https://github.com/hapijs/isemail/blob/v1.2.0/LICENSE">https://github.com/hapijs/isemail/blob/v1.2.0/LICENSE</a></p> <p>== Copyright<br/>Copyright (c) 2008-2011, Dominic Sayers<br/>Copyright (c) 2013-2014, GlobeSherpa<br/>Copyright (c) 2014-2015, Eli Skeggs and Project contributors<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>isexe</p> <p>== License Type</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>===ISC-82703a69</p> <p>The ISC License</p> <p>Copyright (c) Isaac Z. Schlueter and Contributors</p> <p>Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.</p> <p>THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.</p> <p>== Copyright</p> <p>Copyright (c) Isaac Z. Schlueter and Contributors</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>isobject</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) 2014-2017, Jon Schlinkert.</p> <p>Copyright © 2017, [Jon Schlinkert](https://github.com/jonschlinkert).</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>isobject</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) 2014-2017, Jon Schlinkert.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Copyright © 2017, [Jon Schlinkert](https://github.com/jonschlinkert).</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>isstream</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) 2015 Rod Vagg</p> <p>Copyright (c) 2015 Rod Vagg [@rvagg](https://twitter.com/rvagg) and licenced under the MIT licence. All rights not explicitly granted in the MIT license are reserved. See the included LICENSE.md file for more details.</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>jest-diff</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) Facebook, Inc. and its affiliates.</p> <p>Copyright (c) Facebook, Inc. and its affiliates. All Rights Reserved.</p> <p>Copyright 2018 The diff-match-patch Authors.</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>jest-get-type</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) Facebook, Inc. and its affiliates.</p> <p>Copyright (c) Facebook, Inc. and its affiliates. All Rights Reserved.</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>jest-worker</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) Facebook, Inc. and its affiliates.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Copyright (c) Facebook, Inc. and its affiliates. All Rights Reserved.</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>joi</p> <p>== License Type</p> <p>===BSD-3-Clause--modified-by-Google-c99fe2ff</p> <p>Copyright (c) 2012-2018, Project contributors</p> <p>Copyright (c) 2012-2014, Walmart</p> <p>All rights reserved.</p> <p>Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:</p> <p>* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.</p> <p>* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.</p> <p>* The names of any contributors may not be used to endorse or promote products derived from this software without specific prior written permission.</p> <p>THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDERS AND CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>* * *</p> <p>The complete list of contributors can be found at: <a href="https://github.com/hapijs/joi/graphs/contributors">https://github.com/hapijs/joi/graphs/contributors</a></p> <p>== Copyright</p> <p>Copyright (c) 2012-2014, Walmart</p> <p>Copyright (c) 2012-2018, Project contributors</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>jquery</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>(no copyright notices found)</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>js-base64</p> <p>== License Type</p> <p>===BSD-3-Clause-7fb7031f</p> <p>Copyright (c) 2014, Dan Kogai</p> <p>All rights reserved.</p> <p>Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:</p> <p>* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.</p> <p>* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.</p> <p>* Neither the name of {{{project}}} nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.</p> <p>THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS"</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>== Copyright<br/>Copyright (c) 2014, Dan Kogai<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>js-cookie<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) 2018 Copyright 2018 Klaus Hartl, Fagner Brack, GitHub Contributors<br/>Copyright 2006, 2015 Klaus Hartl &amp; Fagner Brack<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>js-tokens<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) 2014, 2015, 2016, 2017, 2018 Simon Lydell<br/>Copyright 2014, 2015, 2016, 2017, 2018 Simon Lydell<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>js-yaml<br/>== License Type</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | SPDX:MIT<br>== Copyright<br>Copyright (C) 2011-2015 by Vitaly Puzrin<br>----- (separator)<br>-----<br>== Dependency<br>jsesc<br>== License Type<br>SPDX:MIT<br>== Copyright<br>(no copyright notices found)<br>----- (separator)<br>-----<br>== Dependency<br>jsesc<br>== License Type<br>SPDX:MIT<br>== Copyright<br>(no copyright notices found)<br>----- (separator)<br>-----<br>== Dependency<br>json-parse-better-errors<br>== License Type<br>SPDX:MIT<br>== Copyright<br>Copyright 2017 Kat Marchán<br>----- (separator)<br>-----<br>== Dependency<br>json-parse-even-better-errors<br>== License Type<br>SPDX:MIT<br>== Copyright<br>Copyright 2017 Kat Marchán<br>----- (separator)<br>-----<br>== Dependency<br>json-schema-traverse<br>== License Type<br>SPDX:MIT |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>== Copyright<br/>Copyright (c) 2017 Evgeny Poberezkin<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>json-schema</p> <p>== License Type<br/>===AFL-2.1-cd1c1e0d</p> <p>Dojo is available under <i>*either*</i> the terms of the BSD 3-Clause "New" License <i>*or*</i> the Academic Free License version 2.1. As a recipient of Dojo, you may choose which license to receive this code under (except as noted in per-module LICENSE files). Some modules may not be the copyright of the Dojo Foundation. These modules contain explicit declarations of copyright in both the LICENSE files in the directories in which they reside and in the code itself. No external contributions are allowed under licenses which are fundamentally incompatible with the AFL-2.1 OR and BSD-3-Clause licenses that Dojo is distributed under.</p> <p>The text of the AFL-2.1 and BSD-3-Clause licenses is reproduced below.</p> <p>-----</p> <p>BSD 3-Clause "New" License:<br/>*****</p> <p>Copyright (c) 2005-2015, The Dojo Foundation<br/>All rights reserved.</p> <p>Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:</p> <p>* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.</p> <p>* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.</p> <p>* Neither the name of the Dojo Foundation nor the names of its contributors</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>may be used to endorse or promote products derived from this software without specific prior written permission.</p> <p>THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>-----</p> <p>The Academic Free License, v. 2.1:<br/>*****</p> <p>This Academic Free License (the "License") applies to any original work of authorship (the "Original Work") whose owner (the "Licensor") has placed the following notice immediately following the copyright notice for the Original Work:</p> <p>Licensed under the Academic Free License version 2.1</p> <p>1) Grant of Copyright License. Licensor hereby grants You a world-wide, royalty-free, non-exclusive, perpetual, sublicenseable license to do the following:</p> <p>a) to reproduce the Original Work in copies;</p> <p>b) to prepare derivative works ("Derivative Works") based upon the Original Work;</p> <p>c) to distribute copies of the Original Work and Derivative Works to the public;</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>d) to perform the Original Work publicly; and</p> <p>e) to display the Original Work publicly.</p> <p>2) Grant of Patent License. Licensor hereby grants You a world-wide, royalty-free, non-exclusive, perpetual, sublicenseable license, under patent claims owned or controlled by the Licensor that are embodied in the Original Work as furnished by the Licensor, to make, use, sell and offer for sale the Original Work and Derivative Works.</p> <p>3) Grant of Source Code License. The term "Source Code" means the preferred form of the Original Work for making modifications to it and all available documentation describing how to modify the Original Work. Licensor hereby agrees to provide a machine-readable copy of the Source Code of the Original Work along with each copy of the Original Work that Licensor distributes. Licensor reserves the right to satisfy this obligation by placing a machine-readable copy of the Source Code in an information repository reasonably calculated to permit inexpensive and convenient access by You for as long as Licensor continues to distribute the Original Work, and by publishing the address of that information repository in a notice immediately following the copyright notice that applies to the Original Work.</p> <p>4) Exclusions From License Grant. Neither the names of Licensor, nor the names of any contributors to the Original Work, nor any of their trademarks or service marks, may be used to endorse or promote products derived from this Original Work without express prior written permission of the Licensor. Nothing in this License shall be deemed to grant any rights to trademarks, copyrights, patents, trade secrets or any other intellectual property of Licensor except as expressly stated herein. No patent license is granted to make, use, sell or offer to sell embodiments of any patent claims other than the licensed claims</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>defined in Section 2. No right is granted to the trademarks of Licensor even if such marks are included in the Original Work. Nothing in this License shall be interpreted to prohibit Licensor from licensing under different terms from this License any Original Work that Licensor otherwise would have a right to license.</p> <p>5) This section intentionally omitted.</p> <p>6) Attribution Rights. You must retain, in the Source Code of any Derivative Works that You create, all copyright, patent or trademark notices from the Source Code of the Original Work, as well as any notices of licensing and any descriptive text identified therein as an "Attribution Notice." You must cause the Source Code for any Derivative Works that You create to carry a prominent Attribution Notice reasonably calculated to inform recipients that You have modified the Original Work.</p> <p>7) Warranty of Provenance and Disclaimer of Warranty. Licensor warrants that the copyright in and to the Original Work and the patent rights granted herein by Licensor are owned by the Licensor or are sublicensed to You under the terms of this License with the permission of the contributor(s) of those copyrights and patent rights. Except as expressly stated in the immediately preceding sentence, the Original Work is provided under this License on an "AS IS" BASIS and WITHOUT WARRANTY, either express or implied, including, without limitation, the warranties of NON-INFRINGEMENT, MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY OF THE ORIGINAL WORK IS WITH YOU. This DISCLAIMER OF WARRANTY constitutes an essential part of this License. No license to Original Work is granted hereunder except under this disclaimer.</p> <p>8) Limitation of Liability. Under no circumstances and under no legal theory,</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>whether in tort (including negligence), contract, or otherwise, shall the</p> <p>Licensor be liable to any person for any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License</p> <p>or the use of the Original Work including, without limitation, damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses. This limitation of liability shall not apply to liability for death or personal injury resulting from Licensor's negligence to the extent applicable law prohibits such limitation. Some jurisdictions do not allow the exclusion or limitation of incidental or consequential damages, so this exclusion and limitation may not apply to You.</p> <p>9) Acceptance and Termination. If You distribute copies of the Original Work or a Derivative Work, You must make a reasonable effort under the circumstances to obtain the express assent of recipients to the terms of this License. Nothing else but this License (or another written agreement between Licensor and You) grants You permission to create Derivative Works based upon the Original Work or to exercise any of the rights granted in Section 1 herein, and any attempt to do so except under the terms of this License (or another written agreement between Licensor and You) is expressly prohibited by U.S. copyright law, the equivalent laws of other countries, and by international treaty. Therefore, by exercising any of the rights granted to You in Section 1 herein, You indicate Your acceptance of this License and all of its terms and conditions.</p> <p>10) Termination for Patent Action. This License shall terminate automatically and You may no longer exercise any of the rights granted to You by this License as of the date You commence an action, including a cross-claim or counterclaim,</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>against Licensor or any licensee alleging that the Original Work infringes a patent. This termination provision shall not apply for an action alleging patent infringement by combinations of the Original Work with other software or hardware.</p> <p>11) Jurisdiction, Venue and Governing Law. Any action or suit relating to this License may be brought only in the courts of a jurisdiction wherein the Licensor resides or in which Licensor conducts its primary business, and under the laws of that jurisdiction excluding its conflict-of-law provisions. The application of the United Nations Convention on Contracts for the International Sale of Goods is expressly excluded. Any use of the Original Work outside the scope of this License or after its termination shall be subject to the requirements and penalties of the U.S. Copyright Act, 17 U.S.C. Â§ 101 et seq., the equivalent laws of other countries, and international treaty. This section shall survive the termination of this License.</p> <p>12) Attorneys Fees. In any action to enforce the terms of this License or seeking damages relating thereto, the prevailing party shall be entitled to recover its costs and expenses, including, without limitation, reasonable attorneys' fees and costs incurred in connection with such action, including any appeal of such action. This section shall survive the termination of this License.</p> <p>13) Miscellaneous. This License represents the complete agreement concerning the subject matter hereof. If any provision of this License is held to be unenforceable, such provision shall be reformed only to the extent necessary to make it enforceable.</p> <p>14) Definition of "You" in This License. "You" throughout this License, whether in upper or lower case, means an individual or a legal entity exercising rights</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>under, and complying with all of the terms of, this License. For legal entities, "You" includes any entity that controls, is controlled by, or is under common control with you. For purposes of this definition, "control" means</p> <p>(i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.</p> <p>15) Right to Use. You may use the Original Work in all ways not otherwise restricted or conditioned by this License or by law, and Licensor promises not to interfere with or be responsible for such uses by You.</p> <p>This license is Copyright (C) 2003-2004 Lawrence E. Rosen. All rights reserved.</p> <p>Permission is hereby granted to copy and distribute this license without modification. This license may not be modified without the express written permission of its copyright owner.</p> <p>== Copyright<br/>Copyright (C) 2003-2004 Lawrence E. Rosen. All rights reserved.<br/>Copyright (c) 2005-2015, The Dojo Foundation<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>json-stable-stringify-without-jsonify</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>(no copyright notices found)<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>json-stable-stringify</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>(no copyright notices found)</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>json-stringify-safe</p> <p>== License Type<br/>===ISC-82703a69</p> <p>The ISC License</p> <p>Copyright (c) Isaac Z. Schlueter and Contributors</p> <p>Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.</p> <p>THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.</p> <p>== Copyright<br/>Copyright (c) Isaac Z. Schlueter and Contributors</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>json5</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2012-2018 Aseem Kishore, and [others].</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>json5</p> <p>== License Type<br/>SPDX:MIT</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>== Copyright<br/>Copyright (c) 2012-2018 Aseem Kishore, and [others].<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>jsonparse</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2011-2012 Tim Caswell<br/>Copyright (c) 2012 Tim Caswell<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>jsprim</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2012, Joyent, Inc. All rights reserved.<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>junk</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) Sindre Sorhus &lt;sindresorhus@gmail.com&gt;<br/>(sindresorhus.com)<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>kind-of</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2014-2017, Jon Schlinkert.<br/>Copyright © 2020, [Jon Schlinkert](https://github.com/jonschlinkert).<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>klona</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) Luke Edwards &lt;luke.edwards05@gmail.com&gt;<br/>(lukeed.com)</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>lazystream</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2013 J. Pommerening, contributors.</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>lead</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2017 Blaine Bublitz<br/>&lt;blaine.bublitz@gmail.com&gt;, Eric Schoffstall &lt;yo@contra.io&gt;<br/>and other contributors</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>lines-and-columns</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2015 Brian Donovan</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>linkify-it</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2015 Vitaly Puzrin.</p> <p>----- (separator)<br/>-----</p> <p>== Dependency</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>lmdb-store</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) 2011-2020, Yann Collet</p> <p>Copyright (c) 2014 Timur Kristóf(<a href="https://github.com/venemo/node-lmdb/">https://github.com/venemo/node-lmdb/</a>) and LMDB, which has a specific [OpenLDAP license](dependencies/lmdb/libraries/liblmdb/LICENSE),</p> <p>Copyright 1999-2003 The OpenLDAP Foundation, Redwood City,</p> <p>Copyright 2012-2020 Howard Chu, Symas Corp.</p> <p>Copyright 2012-2021 Howard Chu, Symas Corp.</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>load-json-file</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) Sindre Sorhus &lt;sindresorhus@gmail.com&gt; (sindresorhus.com)</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>loader-runner</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) Tobias Koppers @sokra</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>loader-utils</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>(no copyright notices found)</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>loader-utils</p> <p>== License Type</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | SPDX:MIT<br>== Copyright<br>(no copyright notices found)<br>----- (separator)<br>-----<br>== Dependency<br>locate-path<br>== License Type<br>SPDX:MIT<br>== Copyright<br>Copyright (c) Sindre Sorhus <sindresorhus@gmail.com><br>(sindresorhus.com)<br>----- (separator)<br>-----<br>== Dependency<br>locate-path<br>== License Type<br>SPDX:MIT<br>== Copyright<br>Copyright (c) Sindre Sorhus <sindresorhus@gmail.com><br>(sindresorhus.com)<br>----- (separator)<br>-----<br>== Dependency<br>locate-path<br>== License Type<br>SPDX:MIT<br>== Copyright<br>Copyright (c) Sindre Sorhus <sindresorhus@gmail.com><br>(sindresorhus.com)<br>----- (separator)<br>-----<br>== Dependency<br>lodash.assignin<br>== License Type<br>SPDX:MIT<br>== Copyright<br>(no copyright notices found)<br>----- (separator)<br>-----<br>== Dependency<br>lodash.bind |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>(no copyright notices found)<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>lodash.debounce</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>(no copyright notices found)<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>lodash.defaults</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>(no copyright notices found)<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>lodash.filter</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>(no copyright notices found)<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>lodash.find</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>(no copyright notices found)<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>lodash.flatten</p> <p>== License Type</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | SPDX:MIT<br>== Copyright<br>(no copyright notices found)<br>----- (separator)<br>-----<br>== Dependency<br>lodash.foreach<br>== License Type<br>SPDX:MIT<br>== Copyright<br>(no copyright notices found)<br>----- (separator)<br>-----<br>== Dependency<br>lodash.get<br>== License Type<br>SPDX:MIT<br>== Copyright<br>(no copyright notices found)<br>----- (separator)<br>-----<br>== Dependency<br>lodash.isequal<br>== License Type<br>SPDX:MIT<br>== Copyright<br>(no copyright notices found)<br>----- (separator)<br>-----<br>== Dependency<br>lodash.map<br>== License Type<br>SPDX:MIT<br>== Copyright<br>(no copyright notices found)<br>----- (separator)<br>-----<br>== Dependency<br>lodash.max<br>== License Type<br>SPDX:MIT |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>== Copyright<br/>(no copyright notices found)<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>lodash.merge<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>(no copyright notices found)<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>lodash.padstart<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>(no copyright notices found)<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>lodash.pick<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>(no copyright notices found)<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>lodash.reduce<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>(no copyright notices found)<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>lodash.reject<br/>== License Type<br/>SPDX:MIT<br/>== Copyright</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | (no copyright notices found)<br>----- (separator)<br>-----<br>== Dependency<br>lodash.repeat<br>== License Type<br>SPDX:MIT<br>== Copyright<br>(no copyright notices found)<br>----- (separator)<br>-----<br>== Dependency<br>lodash.some<br>== License Type<br>SPDX:MIT<br>== Copyright<br>(no copyright notices found)<br>----- (separator)<br>-----<br>== Dependency<br>lodash.sortby<br>== License Type<br>SPDX:MIT<br>== Copyright<br>(no copyright notices found)<br>----- (separator)<br>-----<br>== Dependency<br>lodash<br>== License Type<br>SPDX:MIT<br>== Copyright<br>(no copyright notices found)<br>----- (separator)<br>-----<br>== Dependency<br>long<br>== License Type<br>SPDX:Apache-2.0<br>== Copyright<br>Copyright 2009 The Closure Library Authors |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Copyright 2020 Daniel Wirtz / The long.js Authors.</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>loose-envify</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) 2015 Andres Suarez &lt;zertosh@gmail.com&gt;</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>lru-cache</p> <p>== License Type</p> <p>===ISC-82703a69</p> <p>The ISC License</p> <p>Copyright (c) Isaac Z. Schlueter and Contributors</p> <p>Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.</p> <p>THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.</p> <p>== Copyright</p> <p>Copyright (c) Isaac Z. Schlueter and Contributors</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>lru-cache</p> <p>== License Type</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>===ISC-82703a69</p> <p>The ISC License</p> <p>Copyright (c) Isaac Z. Schlueter and Contributors</p> <p>Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.</p> <p>THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.</p> <p>== Copyright</p> <p>Copyright (c) Isaac Z. Schlueter and Contributors</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>lru-cache</p> <p>== License Type</p> <p>===ISC-82703a69</p> <p>The ISC License</p> <p>Copyright (c) Isaac Z. Schlueter and Contributors</p> <p>Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.</p> <p>THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.</p> <p>== Copyright<br/>Copyright (c) Isaac Z. Schlueter and Contributors<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>make-dir<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) Sindre Sorhus &lt;sindresorhus@gmail.com&gt; (sindresorhus.com)<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>make-dir<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) Sindre Sorhus &lt;sindresorhus@gmail.com&gt; (sindresorhus.com)<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>map-cache<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) 2015, Jon Schlinkert.<br/>Copyright (c) 2015-2016, Jon Schlinkert.<br/>Copyright © 2016, [Jon Schlinkert](https://github.com/jonschlinkert).<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>map-obj</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) Sindre Sorhus &lt;sindresorhus@gmail.com&gt;<br/>(sindresorhus.com)<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>map-obj</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) Sindre Sorhus &lt;sindresorhus@gmail.com&gt;<br/>(sindresorhus.com)<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>map-visit</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2015-2017, Jon Schlinkert<br/>Copyright © 2017, [Jon Schlinkert](https://github.com/jonschlinkert).<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>mapcap</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2019 Stephen Belanger<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>markdown-escapes</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2016 Titus Wormer &lt;tituswormer@gmail.com&gt;<br/>----- (separator)<br/>-----</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <pre> == Dependency markdown-it == License Type SPDX:MIT == Copyright Copyright (c) 2014 Vitaly Puzrin, Alex Kocharin. ----- (separator) -----  == Dependency md5.js == License Type SPDX:MIT == Copyright Copyright (c) 2016 Kirill Fomichev ----- (separator) -----  == Dependency mdast-util-definitions == License Type SPDX:MIT == Copyright Copyright (c) 2015-2016 Titus Wormer &lt;tituswormer@gmail.com&gt; ----- (separator) -----  == Dependency mdast-util-to-hast == License Type SPDX:MIT == Copyright Copyright (c) 2016 Titus Wormer &lt;tituswormer@gmail.com&gt; ----- (separator) -----  == Dependency mdn-data == License Type SPDX:CC0-1.0 == Copyright (no copyright notices found) ----- (separator) ----- </pre> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>== Dependency<br/>mdurl</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2015 Vitaly Puzrin, Alex Kocharin.</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>memoize-one</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2019 Alexander Reardon</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>meow</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) Sindre Sorhus &lt;sindresorhus@gmail.com&gt;<br/>(<a href="https://sindresorhus.com">https://sindresorhus.com</a>)</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>merge-stream</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) Stephen Sugden &lt;me@stephensugden.com&gt;<br/>(stephensugden.com)</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>merge2</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2014-2020 Teambition</p> <p>----- (separator)<br/>-----</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <pre> == Dependency micromatch  == License Type SPDX:MIT  == Copyright Copyright (c) 2014-present, Jon Schlinkert. Copyright © 2022, [Jon Schlinkert](https://github.com/jonschlinkert).  ----- (separator) -----  == Dependency micromatch  == License Type SPDX:MIT  == Copyright Copyright (c) 2014-present, Jon Schlinkert. Copyright © 2022, [Jon Schlinkert](https://github.com/jonschlinkert).  ----- (separator) -----  == Dependency miller-rabin  == License Type SPDX:MIT  == Copyright (no copyright notices found)  ----- (separator) -----  == Dependency mime-db  == License Type SPDX:MIT  == Copyright Copyright (c) 2014 Jonathan Ong &lt;me@jongleberry.com&gt; Copyright (c) 2015-2022 Douglas Christopher Wilson &lt;doug@somethingdoug.com&gt;  ----- (separator) -----  == Dependency mime-types  == License Type SPDX:MIT </pre> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>== Copyright<br/>Copyright (c) 2014 Jonathan Ong &lt;me@jongleberry.com&gt;<br/>Copyright (c) 2015 Douglas Christopher Wilson<br/>&lt;doug@somethingdoug.com&gt;<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>mime</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2010 Benjamin Thomas, Robert Kieffer<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>mimic-fn</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) Sindre Sorhus &lt;sindresorhus@gmail.com&gt;<br/>(sindresorhus.com)<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>min-indent</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) Sindre Sorhus &lt;sindresorhus@gmail.com&gt;<br/>(sindresorhus.com), James Kyle &lt;me@thejameskyle.com&gt;<br/>(thejameskyle.com)<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>mini-create-react-context</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2017-2019 James Kyle<br/>&lt;me@thejameskyle.com&gt;<br/>Copyright (c) 2019-present StringEpsilon<br/>&lt;StringEpsilon@gmail.com&gt;</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>mini-css-extract-plugin</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>(no copyright notices found)</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>minimalistic-assert</p> <p>== License Type<br/>===ISC-d4e9cb27</p> <p>Copyright 2015 Calvin Metcalf</p> <p>Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.</p> <p>THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.</p> <p>== Copyright<br/>Copyright 2015 Calvin Metcalf</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>minimalistic-crypto-utils</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>(no copyright notices found)</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>minimatch</p> <p>== License Type<br/>===ISC-82703a69</p> <p>The ISC License</p> <p>Copyright (c) Isaac Z. Schlueter and Contributors</p> <p>Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.</p> <p>THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.</p> <p>== Copyright<br/>Copyright (c) Isaac Z. Schlueter and Contributors</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>minimatch</p> <p>== License Type<br/>===ISC-82703a69</p> <p>The ISC License</p> <p>Copyright (c) Isaac Z. Schlueter and Contributors</p> <p>Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.</p> <p>== Copyright<br/>Copyright (c) Isaac Z. Schlueter and Contributors<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>minimist-options<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) Vadim Demedes &lt;vdemedes@gmail.com&gt; (vadimdemedes.com)<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>minimist<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>(no copyright notices found)<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>minipass-collect<br/>== License Type<br/>===ISC-82703a69<br/>The ISC License<br/>Copyright (c) Isaac Z. Schlueter and Contributors<br/>Permission to use, copy, modify, and/or distribute this software for any</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>purpose with or without fee is hereby granted, provided that the above</p> <p>copyright notice and this permission notice appear in all copies.</p> <p>THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.</p> <p>== Copyright</p> <p>Copyright (c) Isaac Z. Schlueter and Contributors</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>minipass-flush</p> <p>== License Type</p> <p>===ISC-82703a69</p> <p>The ISC License</p> <p>Copyright (c) Isaac Z. Schlueter and Contributors</p> <p>Permission to use, copy, modify, and/or distribute this software for any</p> <p>purpose with or without fee is hereby granted, provided that the above</p> <p>copyright notice and this permission notice appear in all copies.</p> <p>THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.</p> <p>== Copyright<br/>Copyright (c) Isaac Z. Schlueter and Contributors<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>minipass-pipeline</p> <p>== License Type<br/>===ISC-82703a69<br/>The ISC License<br/>Copyright (c) Isaac Z. Schlueter and Contributors<br/>Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.<br/>THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.</p> <p>== Copyright<br/>Copyright (c) Isaac Z. Schlueter and Contributors<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>minipass</p> <p>== License Type<br/>===ISC-ff53df3a<br/>The ISC License<br/>Copyright (c) npm, Inc. and Contributors<br/>Permission to use, copy, modify, and/or distribute this software for any</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>purpose with or without fee is hereby granted, provided that the above<br/>copyright notice and this permission notice appear in all copies.</p> <p>THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES<br/>WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF<br/>MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR<br/>ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES<br/>WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN<br/>ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR<br/>IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.</p> <p>== Copyright<br/>Copyright (c) npm, Inc. and Contributors<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>minizlib</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>(no copyright notices found)<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>mississippi</p> <p>== License Type<br/>SPDX:BSD-2-Clause</p> <p>== Copyright<br/>(no copyright notices found)<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>mixin-deep</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2014-2015, 2017, Jon Schlinkert.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Copyright © 2017, [Jon Schlinkert](https://github.com/jonschlinkert).</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>mkdirp-classic</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) 2020 James Halliday (mail@substack.net) and Mathias Buus</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>mkdirp</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright 2010 James Halliday (mail@substack.net)</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>mkdirp</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright 2010 James Halliday (mail@substack.net)</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>module-details-from-path</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) 2016 Thomas Watson Steen</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>moment-timezone</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Copyright (c) JS Foundation and other contributors</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>moment</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) JS Foundation and other contributors</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>monaco-editor</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (C) 2008 Microsoft Corporation</p> <p>@minifier_do_not_preserve</p> <p>Copyright (C) David Owens II, owensd.io. All rights reserved.</p> <p>Copyright (c) 2007-2017 Einar Lielmanis, Liam Newman, and contributors.</p> <p>Copyright (c) 2007-2018 Einar Lielmanis, Liam Newman, and contributors.</p> <p>Copyright (c) 2011-2014, Christopher Jeffrey (<a href="https://github.com/chjj/">https://github.com/chjj/</a>)</p> <p>Copyright (c) 2011-2014, Christopher Jeffrey. (MIT Licensed)</p> <p>Copyright (c) 2014 Forbes Lindesay</p> <p>Copyright (c) 2014 Taylor Hakes</p> <p>Copyright (c) 2015 David Owens II</p> <p>Copyright (c) 2016 - present Microsoft Corporation</p> <p>Copyright (c) Artyom Shalkhakov. All rights reserved.</p> <p>Copyright (c) Joshaven Potter</p> <p>Copyright (c) Microsoft Corporation. All rights reserved.</p> <p>Copyright (c) Microsoft Corporation. All rights reserved.</p> <p>Copyright (c) Microsoft Corporation. All rights reserved.</p> <p>\nLicensed under the Apache License, Version 2.0 (the</p> <p>\n"License"); you may not use\nthis file except in compliance</p> <p>with the License. You may obtain a copy of the\nLicense at</p> <p><a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a> \n \nTHIS</p> <p>CODE IS PROVIDED ON AN *AS IS* BASIS, WITHOUT</p> <p>WARRANTIES OR CONDITIONS OF ANY\nKIND, EITHER</p> <p>EXPRESS OR IMPLIED, INCLUDING WITHOUT</p> <p>LIMITATION ANY IMPLIED\nWARRANTIES OR</p> <p>CONDITIONS OF TITLE, FITNESS FOR A PARTICULAR</p> <p>PURPOSE, \nMERCHANTABILITY OR NON-</p> <p>INFRINGEMENT. \n \nSee the Apache Version 2.0 License</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>for specific language governing permissions and limitations under the License.</p> <p>Copyright (c) Microsoft Corporation. All rights reserved.<br/>Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a> THIS CODE IS PROVIDED ON AN *AS IS* BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION ANY IMPLIED WARRANTIES OR CONDITIONS OF TITLE, FITNESS FOR A PARTICULAR PURPOSE, MERCHANTABILITY OR NON-INFRINGEMENT. See the Apache Version 2.0 License for specific language governing permissions and limitations under the License.</p> <p>Copyright © 2015 W3C® (MIT, ERCIM, Keio, Beihang). This software or document includes material copied</p> <p>== Notices</p> <p>THIRD-PARTY SOFTWARE NOTICES AND INFORMATION</p> <p>Do Not Translate or Localize</p> <p>This project incorporates components from the projects listed below. The original copyright notices and the licenses under which Microsoft received such components are set forth below. Microsoft reserves all rights not expressly granted herein, whether by implication, estoppel or otherwise.</p> <p>%% nodejs path library (<a href="https://github.com/nodejs/node/tree/43dd49c9782848c25e5b03448c8a0f923f13c158">https://github.com/nodejs/node/tree/43dd49c9782848c25e5b03448c8a0f923f13c158</a>)</p> <p>=====</p> <p>Copyright Joyent, Inc. and other Node contributors.</p> <p>Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:</p> <p>The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.</p> <p>THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.</p> <p>=====</p> <p>END OF nodejs path library NOTICES AND INFORMATION</p> <p>%% promise-polyfill version 8.1.0 (<a href="https://github.com/taylorhakes/promise-polyfill">https://github.com/taylorhakes/promise-polyfill</a>)</p> <p>=====</p> <p>Copyright (c) 2014 Taylor Hakes<br/>Copyright (c) 2014 Forbes Lindesay</p> <p>Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:</p> <p>The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.</p> <p>THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.</p> <p>=====</p> <p>END OF winjs NOTICES AND INFORMATION</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <pre>%% string_scorer version 0.1.20 (https://github.com/ joshaven/string_score) ===== This software is released under the MIT license: Copyright (c) Joshaven Potter Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions: The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software. THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE. ===== END OF string_scorer NOTICES AND INFORMATION  %% chjj-marked NOTICES AND INFORMATION BEGIN HERE ===== The MIT License (MIT) Copyright (c) 2011-2014, Christopher Jeffrey (https:// github.com/chjj/) Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights</pre> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>to use, copy, modify, merge, publish, distribute, sublicense, and/or sell</p> <p>copies of the Software, and to permit persons to whom the Software is</p> <p>furnished to do so, subject to the following conditions:</p> <p>The above copyright notice and this permission notice shall be included in</p> <p>all copies or substantial portions of the Software.</p> <p>THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.</p> <p>=====</p> <p>END OF chjj-marked NOTICES AND INFORMATION</p> <p>%% typescript version 2.7.2 (<a href="https://github.com/Microsoft/TypeScript">https://github.com/Microsoft/TypeScript</a>)</p> <p>=====</p> <p>Copyright (c) Microsoft Corporation. All rights reserved.</p> <p>Apache License</p> <p>Version 2.0, January 2004</p> <p><a href="http://www.apache.org/licenses/">http://www.apache.org/licenses/</a></p> <p>TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION</p> <p>1. Definitions.</p> <p>"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.</p> <p>"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.</p> <p>"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>(50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.</p> <p>"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.</p> <p>"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.</p> <p>"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.</p> <p>"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).</p> <p>"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.</p> <p>"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."</p> <p>"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.</p> <p>2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.</p> <p>3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge,</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.</p> <p>4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:</p> <p>You must give any other recipients of the Work or Derivative Works a copy of this License; and</p> <p>You must cause any modified files to carry prominent notices stating that You changed the files; and</p> <p>You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and</p> <p>If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License. You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.</p> <p>5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above,</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.</p> <p>6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.</p> <p>7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.</p> <p>8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.</p> <p>9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.</p> <p>END OF TERMS AND CONDITIONS</p> <p>=====</p> <p>END OF typescript NOTICES AND INFORMATION</p> <p>%% HTML 5.1 W3C Working Draft version 08 October 2015<br/>(<a href="http://www.w3.org/TR/2015/WD-html51-20151008/">http://www.w3.org/TR/2015/WD-html51-20151008/</a>)</p> <p>=====</p> <p>Copyright © 2015 W3C® (MIT, ERCIM, Keio, Beihang). This software or document includes material copied</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>from or derived from HTML 5.1 W3C Working Draft (<a href="http://www.w3.org/TR/2015/WD-html51-20151008/">http://www.w3.org/TR/2015/WD-html51-20151008/</a>)</p> <p>THIS DOCUMENT IS PROVIDED "AS IS," AND COPYRIGHT HOLDERS MAKE NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, NON-INFRINGEMENT, OR TITLE; THAT THE CONTENTS OF THE DOCUMENT ARE SUITABLE FOR ANY PURPOSE; NOR THAT THE IMPLEMENTATION OF SUCH CONTENTS WILL NOT INFRINGE ANY THIRD PARTY PATENTS, COPYRIGHTS, TRADEMARKS OR OTHER RIGHTS.</p> <p>COPYRIGHT HOLDERS WILL NOT BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF ANY USE OF THE DOCUMENT OR THE PERFORMANCE OR IMPLEMENTATION OF THE CONTENTS THEREOF.</p> <p>The name and trademarks of copyright holders may NOT be used in advertising or publicity pertaining to this document or its contents without specific, written prior permission. Title to copyright in this document will at all times remain with copyright holders.</p> <p>=====</p> <p>END OF HTML 5.1 W3C Working Draft NOTICES AND INFORMATION</p> <p>%% JS Beautifier version 1.6.2 (<a href="https://github.com/beautify-web/js-beautify">https://github.com/beautify-web/js-beautify</a>)</p> <p>=====</p> <p>The MIT License (MIT)</p> <p>Copyright (c) 2007-2017 Einar Lielmanis, Liam Newman, and contributors.</p> <p>Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:</p> <p>The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.</p> <p>THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NON-INFRINGEMENT. IN NO EVENT</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.</p> <p>=====</p> <p>END OF js-beautify NOTICES AND INFORMATION</p> <p>%% Ionic documentation version 1.2.4 (<a href="https://github.com/driftyco/ionic-site">https://github.com/driftyco/ionic-site</a>)</p> <p>=====</p> <p>Copyright Drifty Co. <a href="http://drifty.com/">http://drifty.com/</a>.</p> <p>Apache License</p> <p>Version 2.0, January 2004</p> <p><a href="http://www.apache.org/licenses/">http://www.apache.org/licenses/</a></p> <p>TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION</p> <p>1. Definitions.</p> <p>"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.</p> <p>"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.</p> <p>"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.</p> <p>"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.</p> <p>"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.</p> <p>"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.</p> <p>"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).</p> <p>"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations,</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.</p> <p>"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."</p> <p>"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.</p> <p>2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.</p> <p>3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.</p> <p>4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>You must give any other recipients of the Work or Derivative Works a copy of this License; and</p> <p>You must cause any modified files to carry prominent notices stating that You changed the files; and</p> <p>You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and</p> <p>If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License. You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.</p> <p>5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.</p> <p>6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.</p> <p>7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>assume any risks associated with Your exercise of permissions under this License.</p> <p>8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.</p> <p>9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.</p> <p>END OF TERMS AND CONDITIONS</p> <p>=====</p> <p>END OF Ionic documentation NOTICES AND INFORMATION</p> <p>%% vscode-swift version 0.0.1 (<a href="https://github.com/owensd/vscode-swift">https://github.com/owensd/vscode-swift</a>)</p> <p>=====</p> <p>The MIT License (MIT)</p> <p>Copyright (c) 2015 David Owens II</p> <p>Permission is hereby granted, free of charge, to any person obtaining a copy</p> <p>of this software and associated documentation files (the "Software"), to deal</p> <p>in the Software without restriction, including without limitation the rights</p> <p>to use, copy, modify, merge, publish, distribute, sublicense, and/or sell</p> <p>copies of the Software, and to permit persons to whom the Software is</p> <p>furnished to do so, subject to the following conditions:</p> <p>The above copyright notice and this permission notice shall be included in all</p> <p>copies or substantial portions of the Software.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.</p> <p>=====</p> <p>END OF vscode-swift NOTICES AND INFORMATION</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>monitor-event-loop-delay</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) 2015-2018 Elasticsearch BV</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>move-concurrently</p> <p>== License Type</p> <p>===ISC-cee2d396</p> <p>Copyright (c) 2017, Rebecca Turner &lt;me@re-becca.org&gt;</p> <p>Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.</p> <p>THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.</p> <p>== Copyright<br/>Copyright (c) 2017, Rebecca Turner &lt;me@re-becca.org&gt;<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>ms<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) 2020 Vercel, Inc.<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>ms<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) 2020 Vercel, Inc.<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>ms<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) 2020 Vercel, Inc.<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>msgpackr-extract<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) 2020 Kris Zyp<br/>----- (separator)<br/>-----</p> <p>== Dependency</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>msgpackr</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) 2020 Kris Zyp</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>mustache</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) 2009 Chris Wanstrath (Ruby)</p> <p>Copyright (c) 2010-2014 Jan Lehnardt (JavaScript)</p> <p>Copyright (c) 2010-2015 The mustache.js community</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>mute-stream</p> <p>== License Type</p> <p>===ISC-82703a69</p> <p>The ISC License</p> <p>Copyright (c) Isaac Z. Schlueter and Contributors</p> <p>Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.</p> <p>THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.</p> <p>== Copyright</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Copyright (c) Isaac Z. Schlueter and Contributors<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>nan<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) 2018 NAN WG Members / Collaborators (listed above).<br/>Copyright (c) 2018 NAN contributors<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>nan<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) 2018 NAN WG Members / Collaborators (listed above).<br/>Copyright (c) 2018 NAN contributors<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>nano-css<br/>== License Type<br/>SPDX:Unlicense<br/>== Copyright<br/>(no copyright notices found)<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>nanoid<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright 2017 Andrey Sitnik &lt;andrey@sitnik.ru&gt;<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>nanomatch<br/>== License Type</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | SPDX:MIT<br>== Copyright<br>Copyright (c) 2016-2018, Jon Schlinkert.<br>Copyright © 2018, [Jon Schlinkert](https://github.com/jonschlinkert).<br>----- (separator)<br>-----<br>== Dependency<br>neo-async<br>== License Type<br>SPDX:MIT<br>== Copyright<br>Copyright (c) 2014-2018 Suguru Motegi<br>----- (separator)<br>-----<br>== Dependency<br>nested-error-stacks<br>== License Type<br>SPDX:MIT<br>== Copyright<br>Copyright (c) 2014 Matt Lavin <matt.lavin@gmail.com><br>----- (separator)<br>-----<br>== Dependency<br>newtype-ts<br>== License Type<br>SPDX:MIT<br>== Copyright<br>Copyright (c) 2017 Giulio Canti<br>----- (separator)<br>-----<br>== Dependency<br>next-line<br>== License Type<br>SPDX:MIT<br>== Copyright<br>Copyright (c) 2015 Thomas Watson Steen<br>----- (separator)<br>-----<br>== Dependency<br>node-emoji |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2014 Daniel Bugl<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>node-fetch</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2016 David Frank<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>node-forge</p> <p>== License Type<br/>===BSD-3-Clause--modified-by-Google-3468e584</p> <p>You may use the Forge project under the terms of either the BSD License or the GNU General Public License (GPL) Version 2.</p> <p>The BSD License is recommended for most projects. It is simple and easy to understand and it places almost no restrictions on what you can do with the Forge project.</p> <p>If the GPL suits your project better you are also free to use Forge under that license.</p> <p>You don't have to do anything special to choose one license or the other and you don't have to notify anyone which license you are using. You are free to use this project in commercial projects as long as the copyright header is left intact.</p> <p>If you are a commercial entity and use this set of libraries in your commercial software then reasonable payment to Digital Bazaar, if you can afford it, is not required but is expected and would be appreciated. If this library saves you time, then it's saving you money. The cost of developing</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>the Forge software was on the order of several hundred hours and tens of thousands of dollars. We are attempting to strike a balance between helping the development community while not being taken advantage of by lucrative commercial entities for our efforts.</p> <p>-----</p> <p>New BSD License (3-clause)<br/>Copyright (c) 2010, Digital Bazaar, Inc.<br/>All rights reserved.</p> <p>Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:</p> <p>* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.</p> <p>* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.</p> <p>* Neither the name of Digital Bazaar, Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.</p> <p>THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL DIGITAL BAZAAR BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>-----</p> <p>GNU GENERAL PUBLIC LICENSE<br/>Version 2, June 1991</p> <p>Copyright (C) 1989, 1991 Free Software Foundation, Inc.<br/>51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA<br/>Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.</p> <p>Preamble</p> <p>The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Lesser General Public License instead.) You can apply it to your programs, too.</p> <p>When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.</p> <p>To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.</p> <p>For example, if you distribute copies of such a program, whether</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.</p> <p>We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.</p> <p>Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.</p> <p>Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.</p> <p>The precise terms and conditions for copying, distribution and modification follow.</p> <p>GNU GENERAL PUBLIC LICENSE<br/>TERMS AND CONDITIONS FOR COPYING,<br/>DISTRIBUTION AND MODIFICATION</p> <p>0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program"</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>means either the Program or any derivative work under copyright law:</p> <p>that is to say, a work containing the Program or a portion of it,</p> <p>either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".</p> <p>Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.</p> <p>1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you</p> <p>conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty;</p> <p>and give any other recipients of the Program a copy of this License along with the Program.</p> <p>You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.</p> <p>2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:</p> <p>a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.</p> <p>c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)</p> <p>These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.</p> <p>Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.</p> <p>In addition, mere aggregation of another work not based on the Program</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>with the Program (or with a work based on the Program) on a volume of</p> <p>a storage or distribution medium does not bring the other work under</p> <p>the scope of this License.</p> <p>3. You may copy and distribute the Program (or a work based on it,</p> <p>under Section 2) in object code or executable form under the terms of</p> <p>Sections 1 and 2 above provided that you also do one of the following:</p> <p>a) Accompany it with the complete corresponding machine-readable</p> <p>source code, which must be distributed under the terms of Sections</p> <p>1 and 2 above on a medium customarily used for software interchange; or,</p> <p>b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be</p> <p>distributed under the terms of Sections 1 and 2 above on a medium</p> <p>customarily used for software interchange; or,</p> <p>c) Accompany it with the information you received as to the offer</p> <p>to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such</p> <p>an offer, in accord with Subsection b above.)</p> <p>The source code for a work means the preferred form of the work for</p> <p>making modifications to it. For an executable work, complete source</p> <p>code means all the source code for all modules it contains, plus any</p> <p>associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a</p> <p>special exception, the source code distributed need not include</p> <p>anything that is normally distributed (in either source or binary</p> <p>form) with the major components (compiler, kernel, and so on) of the</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>operating system on which the executable runs, unless that component itself accompanies the executable.</p> <p>If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.</p> <p>4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License.</p> <p>However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.</p> <p>5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.</p> <p>6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>restrictions on the recipients' exercise of the rights granted herein.</p> <p>You are not responsible for enforcing compliance by third parties to this License.</p> <p>7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.</p> <p>If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.</p> <p>It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>to distribute software through any other system and a licensee cannot impose that choice.</p> <p>This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.</p> <p>8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.</p> <p>9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.</p> <p>Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.</p> <p>10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>of preserving the free status of all derivatives of our free software and</p> <p>of promoting the sharing and reuse of software generally.</p> <p>NO WARRANTY</p> <p>11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.</p> <p>12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.</p> <p>== Copyright</p> <p>Copyright (C) 1989, 1991 Free Software Foundation, Inc.</p> <p>Copyright (C) Ellis Pritchard, Guardian Unlimited 2003.</p> <p>Copyright (c) 2003-2005 Tom Wu</p> <p>Copyright (c) 2005 Tom Wu</p> <p>Copyright (c) 2005-2009 Tom Wu</p> <p>Copyright (c) 2008-2013 Digital Bazaar, Inc.</p> <p>Copyright (c) 2009-2012 Digital Bazaar, Inc.</p> <p>Copyright (c) 2009-2014 Digital Bazaar, Inc.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Copyright (c) 2009-2015 Digital Bazaar, Inc.<br/> Copyright (c) 2010, Digital Bazaar, Inc.<br/> Copyright (c) 2010-2012 Digital Bazaar, Inc. All rights reserved.<br/> Copyright (c) 2010-2013 Digital Bazaar, Inc.<br/> Copyright (c) 2010-2014 Digital Bazaar, Inc.<br/> Copyright (c) 2010-2014 Digital Bazaar, Inc. All rights reserved.<br/> Copyright (c) 2010-2015 Digital Bazaar, Inc.<br/> Copyright (c) 2010-2018 Digital Bazaar, Inc.<br/> Copyright (c) 2011-2014 Digital Bazaar, Inc. All rights reserved.<br/> Copyright (c) 2012 Kenji Urushima<br/> Copyright (c) 2012 Stefan Siegl &lt;stesie@brokenpipe.de&gt;<br/> Copyright (c) 2012-2014 Digital Bazaar, Inc.<br/> Copyright (c) 2012-2015 Digital Bazaar, Inc.<br/> Copyright (c) 2013 Digital Bazaar, Inc.<br/> Copyright (c) 2013-2014 Digital Bazaar, Inc.<br/> Copyright (c) 2014 Digital Bazaar, Inc.<br/> Copyright (c) 2014 Lautaro Cozzani &lt;lautaro.cozzani@scyt.com&gt;<br/> Copyright (c) 2014-2015 Digital Bazaar, Inc.<br/> Copyright (c) 2017-2019 Digital Bazaar, Inc.<br/> Copyright (c) 2019 Digital Bazaar, Inc.<br/> Copyright 2011-2016 Digital Bazaar, Inc.<br/> Copyright 2011-2017 Digital Bazaar, Inc.<br/> Copyright 2012 Stefan Siegl &lt;stesie@brokenpipe.de&gt;<br/> ----- (separator)<br/> -----<br/> == Dependency<br/> node-gyp-build<br/> == License Type<br/> SPDX:MIT<br/> == Copyright<br/> Copyright (c) 2017 Mathias Buus<br/> ----- (separator)<br/> -----<br/> == Dependency<br/> node-gyp<br/> == License Type<br/> SPDX:MIT<br/> == Copyright<br/> Copyright (c) 2009 Google Inc. All rights reserved.<br/> Copyright (c) 2012 Nathan Rajlich &lt;nathan@tootallnate.net&gt;</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Copyright (c) 2020 Node.js contributors. All rights reserved.</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency<br/>node-jose</p> <p>== License Type<br/>SPDX:Apache-2.0</p> <p>== Copyright<br/>Copyright (c) 2003-2005 Tom Wu.<br/>Copyright (c) 2015 Cisco Systems, Inc. See LICENSE file.<br/>Copyright (c) 2015 Cisco Systems, Inc. See LICENSE file.</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency<br/>node-libs-browser</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2012 Tobias Koppers</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency<br/>node-releases</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2017 Sergey Rubanov (<a href="https://github.com/chicoxyzyzy">https://github.com/chicoxyzyzy</a>)</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency<br/>node-sass</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (C) 2012 by Hampton Catlin<br/>Copyright (C) 2012-2016 by the Sass Open Source Foundation<br/>Copyright (c) 2013-2016 Andrew Nesbitt<br/>Copyright (c) 2015 Andrew Nesbitt. See [LICENSE](<a href="https://github.com/sass/node-sass/blob/master/LICENSE">https://github.com/sass/node-sass/blob/master/LICENSE</a>) for details.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>nopt<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright 2009, 2010, 2011 Isaac Z. Schlueter.<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>normalize-package-data<br/>== License Type<br/>===BSD-2-Clause-745d0cb7<br/>This package contains code originally written by Isaac Z. Schlueter.<br/>Used with permission.<br/>Copyright (c) Meryn Stol ("Author")<br/>All rights reserved.<br/>The BSD License<br/>Redistribution and use in source and binary forms, with or without<br/>modification, are permitted provided that the following<br/>conditions<br/>are met:<br/>1. Redistributions of source code must retain the above<br/>copyright<br/>notice, this list of conditions and the following disclaimer.<br/>2. Redistributions in binary form must reproduce the above<br/>copyright<br/>notice, this list of conditions and the following disclaimer in the<br/>documentation and/or other materials provided with the<br/>distribution.<br/>THIS SOFTWARE IS PROVIDED BY THE AUTHOR AND<br/>CONTRIBUTORS ``AS IS" AND<br/>ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING,<br/>BUT NOT LIMITED TO, THE<br/>IMPLIED WARRANTIES OF MERCHANTABILITY AND<br/>FITNESS FOR A PARTICULAR<br/>PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE<br/>AUTHOR OR CONTRIBUTORS<br/>BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,<br/>SPECIAL, EXEMPLARY, OR</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>== Copyright<br/>Copyright (c) 2013 Meryn Stol<br/>Copyright (c) Meryn Stol ("Author")<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>normalize-package-data</p> <p>== License Type<br/>===BSD-2-Clause-745d0cb7</p> <p>This package contains code originally written by Isaac Z. Schlueter.<br/>Used with permission.<br/>Copyright (c) Meryn Stol ("Author")<br/>All rights reserved.<br/>The BSD License</p> <p>Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:</p> <ol style="list-style-type: none"> <li>1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.</li> <li>2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.</li> </ol> <p>THIS SOFTWARE IS PROVIDED BY THE AUTHOR AND CONTRIBUTORS ``AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>== Copyright<br/>Copyright (c) 2013 Meryn Stol<br/>Copyright (c) Meryn Stol ("Author")<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>normalize-path<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) 2014-2018, Jon Schlinkert.<br/>Copyright © 2018, [Jon Schlinkert](https://github.com/jonschlinkert).<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>normalize-path<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) 2014-2018, Jon Schlinkert.<br/>Copyright © 2018, [Jon Schlinkert](https://github.com/jonschlinkert).<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>normalize-range</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) James Talmage &lt;james@talmage.io&gt;<br/>(github.com/jamestalmage)</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>now-and-later</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2014 Blaine Bublitz, Eric Schoffstall and other contributors</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>npm-run-path</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) Sindre Sorhus &lt;sindresorhus@gmail.com&gt;<br/>(sindresorhus.com)</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>npmlog</p> <p>== License Type<br/>===ISC-82703a69</p> <p>The ISC License</p> <p>Copyright (c) Isaac Z. Schlueter and Contributors</p> <p>Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.</p> <p>THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.</p> <p>== Copyright<br/>Copyright (c) Isaac Z. Schlueter and Contributors<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>nth-check</p> <p>== License Type<br/>===BSD-2-Clause-d5b9cb3b</p> <p>Copyright (c) Felix Böhm<br/>All rights reserved.</p> <p>Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:</p> <p>Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.</p> <p>Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.</p> <p>THIS IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>== Copyright<br/>Copyright (c) Felix Böhm</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>number-is-nan<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) Sindre Sorhus &lt;sindresorhus@gmail.com&gt;<br/>(sindresorhus.com)<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>numeral<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) 2012 Adam Draper<br/>Copyright (c) 2016 Adam Draper<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>oauth-sign<br/>== License Type<br/>SPDX:Apache-2.0<br/>== Copyright<br/>(no copyright notices found)<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>object-assign<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) Sindre Sorhus &lt;sindresorhus@gmail.com&gt;<br/>(sindresorhus.com)<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>object-copy<br/>== License Type<br/>SPDX:MIT<br/>== Copyright</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Copyright (c) 2016, Jon Schlinkert.<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>object-filter-sequence<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) 2015-2018 Elasticsearch BV<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>object-identity-map<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) 2019 Stephen Belanger<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>object-inspect<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) 2013 James Halliday<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>object-keys<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (C) 2013 Jordan Harband<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>object-visit<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) 2015, 2017, Jon Schlinkert</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Copyright (c) 2015, 2017, Jon Schlinkert.<br/> Copyright © 2017, [Jon Schlinkert](https://github.com/jonschlinkert).<br/> ----- (separator)<br/> -----</p> <p>== Dependency<br/> object.assign<br/> == License Type<br/> SPDX:MIT<br/> == Copyright<br/> Copyright (c) 2014 Jordan Harband<br/> ----- (separator)<br/> -----</p> <p>== Dependency<br/> object.entries<br/> == License Type<br/> SPDX:MIT<br/> == Copyright<br/> Copyright (c) 2015 Jordan Harband<br/> ----- (separator)<br/> -----</p> <p>== Dependency<br/> object.pick<br/> == License Type<br/> SPDX:MIT<br/> == Copyright<br/> Copyright (c) 2014-2015 Jon Schlinkert, contributors.<br/> Copyright (c) 2014-2016, Jon Schlinkert.<br/> Copyright © 2016, [Jon Schlinkert](https://github.com/jonschlinkert).<br/> ----- (separator)<br/> -----</p> <p>== Dependency<br/> once<br/> == License Type<br/> ===ISC-82703a69<br/> The ISC License<br/> Copyright (c) Isaac Z. Schlueter and Contributors<br/> Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>copyright notice and this permission notice appear in all copies.</p> <p>THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.</p> <p>== Copyright<br/>Copyright (c) Isaac Z. Schlueter and Contributors<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>onetime</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) Sindre Sorhus &lt;sindresorhus@gmail.com&gt;<br/>(<a href="https://sindresorhus.com">https://sindresorhus.com</a>)<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>optional-js</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2019 Jason A. Storey<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>ordered-binary</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2018 Kris Zyp</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>ordered-read-streams<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) 2014 Artem Medeusheyev<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>original-url<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) 2018-2019 Thomas Watson Steen<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>os-browserify<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) 2017 CoderPuppy<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>os-tmpdir<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) Sindre Sorhus &lt;sindresorhus@gmail.com&gt;<br/>(sindresorhus.com)<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>p-all<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) Sindre Sorhus &lt;sindresorhus@gmail.com&gt;<br/>(sindresorhus.com)</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>p-event<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) Sindre Sorhus &lt;sindresorhus@gmail.com&gt;<br/>(https://sindresorhus.com)<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>p-filter<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) Sindre Sorhus &lt;sindresorhus@gmail.com&gt;<br/>(sindresorhus.com)<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>p-finally<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) Sindre Sorhus &lt;sindresorhus@gmail.com&gt;<br/>(sindresorhus.com)<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>p-limit<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) Sindre Sorhus &lt;sindresorhus@gmail.com&gt;<br/>(sindresorhus.com)<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>p-limit<br/>== License Type<br/>SPDX:MIT</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>== Copyright<br/>Copyright (c) Sindre Sorhus &lt;sindresorhus@gmail.com&gt;<br/>(sindresorhus.com)<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>p-locate<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) Sindre Sorhus &lt;sindresorhus@gmail.com&gt;<br/>(sindresorhus.com)<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>p-locate<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) Sindre Sorhus &lt;sindresorhus@gmail.com&gt;<br/>(sindresorhus.com)<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>p-locate<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) Sindre Sorhus &lt;sindresorhus@gmail.com&gt;<br/>(sindresorhus.com)<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>p-map<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) Sindre Sorhus &lt;sindresorhus@gmail.com&gt;<br/>(https://sindresorhus.com)<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>p-map</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) Sindre Sorhus &lt;sindresorhus@gmail.com&gt;<br/>(https://sindresorhus.com)<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>p-map</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) Sindre Sorhus &lt;sindresorhus@gmail.com&gt;<br/>(https://sindresorhus.com)<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>p-timeout</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) Sindre Sorhus &lt;sindresorhus@gmail.com&gt;<br/>(sindresorhus.com)<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>p-try</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) Sindre Sorhus &lt;sindresorhus@gmail.com&gt;<br/>(sindresorhus.com)<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>p-try</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) Sindre Sorhus &lt;sindresorhus@gmail.com&gt;<br/>(sindresorhus.com)</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>pako</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (C) 2014-2017 by Vitaly Puzrin and Andrei Tuputcyn<br/>Copyright (c) &lt;"year"&gt; &lt;"copyright holders"&gt;</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>pako</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (C) 2014-2017 by Vitaly Puzrin and Andrei Tuputcyn<br/>Copyright (c) &lt;"year"&gt; &lt;"copyright holders"&gt;</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>parallel-transform</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright 2013 Mathias Buus</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>parent-module</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) Sindre Sorhus &lt;sindresorhus@gmail.com&gt;<br/>(sindresorhus.com)</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>parse-asn1</p> <p>== License Type</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <pre> ===ISC-bceb10b9 Copyright (c) 2017, crypto-browserify contributors Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.  THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.  == Copyright Copyright (c) 2017, crypto-browserify contributors ----- (separator) -----  == Dependency parse-entities  == License Type SPDX:MIT  == Copyright Copyright (c) 2015 Titus Wormer &lt;mailto:tituswormer@gmail.com&gt; ----- (separator) -----  == Dependency parse-json  == License Type SPDX:MIT  == Copyright Copyright (c) Sindre Sorhus &lt;sindresorhus@gmail.com&gt; (https://sindresorhus.com) ----- (separator) ----- </pre> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>== Dependency<br/>parse-link-header</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright 2013 Thorsten Lorenz.</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>parse5</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2013-2019 Ivan Nikulin (ifaaan@gmail.com,<br/><a href="https://github.com/inikulin">https://github.com/inikulin</a>)</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>pascalcase</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2015, Jon Schlinkert.<br/>Copyright © 2015 Jon Schlinkert</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>path-browserify</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>(no copyright notices found)</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>path-exists</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) Sindre Sorhus &lt;<a href="mailto:sindresorhus@gmail.com">sindresorhus@gmail.com</a>&gt;<br/>(<a href="https://sindresorhus.com">sindresorhus.com</a>)</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>path-exists<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) Sindre Sorhus &lt;sindresorhus@gmail.com&gt;<br/>(sindresorhus.com)</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>path-is-absolute<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) Sindre Sorhus &lt;sindresorhus@gmail.com&gt;<br/>(sindresorhus.com)</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>path-is-inside<br/>== License Type<br/>===MIT-8de5f23b<br/>Dual licensed under WTFPL and MIT:<br/>---</p> <p>Copyright © 2013–2016 Domenic Denicola<br/>&lt;d@domenic.me&gt;</p> <p>This work is free. You can redistribute it and/or modify it<br/>under the<br/>terms of the Do What The Fuck You Want To Public License,<br/>Version 2,<br/>as published by Sam Hocevar. See below for more details.<br/>DO WHAT THE FUCK YOU WANT TO PUBLIC LICENSE<br/>Version 2, December 2004<br/>Copyright (C) 2004 Sam Hocevar &lt;sam@hocevar.net&gt;<br/>Everyone is permitted to copy and distribute verbatim or<br/>modified<br/>copies of this license document, and changing it is allowed<br/>as long<br/>as the name is changed.<br/>DO WHAT THE FUCK YOU WANT TO PUBLIC LICENSE</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION</p> <p>0. You just DO WHAT THE FUCK YOU WANT TO.</p> <p>---</p> <p>The MIT License (MIT)</p> <p>Copyright © 2013–2016 Domenic Denicola<br/>&lt;d@domenic.me&gt;</p> <p>Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:</p> <p>The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.</p> <p>THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.</p> <p>== Copyright<br/>Copyright (C) 2004 Sam Hocevar &lt;sam@hocevar.net&gt;<br/>Copyright © 2013–2016 Domenic Denicola<br/>&lt;d@domenic.me&gt;</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>path-key</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Copyright (c) Sindre Sorhus &lt;sindresorhus@gmail.com&gt;<br/>(sindresorhus.com)</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency<br/>path-parse</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2015 Javier Blanco</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency<br/>path-to-regexp</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2014 Blake Embrey (hello@blakeembrey.com)</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency<br/>path-type</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) Sindre Sorhus &lt;sindresorhus@gmail.com&gt;<br/>(sindresorhus.com)</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency<br/>path-type</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) Sindre Sorhus &lt;sindresorhus@gmail.com&gt;<br/>(sindresorhus.com)</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency<br/>pbkdf2</p> <p>== License Type<br/>SPDX:MIT</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>== Copyright<br/>Copyright (c) 2014 Daniel Cousens<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>pegjs<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) 2010-2016 David Majda<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>pend<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) 2014 Andrew Kelley<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>performance-now<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) 2013 Braveg1rl<br/>Copyright (c) 2017 Braveg1rl<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>picocolors<br/>== License Type<br/>===ISC-8aabd5d2<br/>ISC License<br/>Copyright (c) 2021 Alexey Raspopov, Kostiantyn Denysov,<br/>Anton Verinov<br/>Permission to use, copy, modify, and/or distribute this<br/>software for any<br/>purpose with or without fee is hereby granted, provided that<br/>the above<br/>copyright notice and this permission notice appear in all<br/>copies.</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.</p> <p>== Copyright<br/>Copyright (c) 2021 Alexey Raspopov, Kostiantyn Denysov, Anton Verinov</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>picomatch</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2017-present, Jon Schlinkert.<br/>Copyright © 2017-present, [Jon Schlinkert](https://github.com/jonschlinkert).</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>pify</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) Sindre Sorhus &lt;sindresorhus@gmail.com&gt; (sindresorhus.com)</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>pify</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Copyright (c) Sindre Sorhus &lt;sindresorhus@gmail.com&gt;<br/>(sindresorhus.com)</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>pfify</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) Sindre Sorhus &lt;sindresorhus@gmail.com&gt;<br/>(sindresorhus.com)</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>pinkie-promise</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) Vsevolod Strukchinsky &lt;floatdrop@gmail.com&gt;<br/>(github.com/floatdrop)</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>pinkie</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) Vsevolod Strukchinsky &lt;floatdrop@gmail.com&gt;<br/>(github.com/floatdrop)</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>pino-std-serializers</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>(no copyright notices found)</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>pino</p> <p>== License Type</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | SPDX:MIT<br>== Copyright<br>Copyright (c) 2016-2019 Matteo Collina, David Mark Clements and the Pino contributors<br>----- (separator)<br>-----<br>== Dependency<br>pirates<br>== License Type<br>SPDX:MIT<br>== Copyright<br>Copyright (c) 2016-2018 Ari Porad<br>----- (separator)<br>-----<br>== Dependency<br>pkg-dir<br>== License Type<br>SPDX:MIT<br>== Copyright<br>Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)<br>----- (separator)<br>-----<br>== Dependency<br>pkg-dir<br>== License Type<br>SPDX:MIT<br>== Copyright<br>Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)<br>----- (separator)<br>-----<br>== Dependency<br>pkg-dir<br>== License Type<br>SPDX:MIT<br>== Copyright<br>Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)<br>----- (separator)<br>-----<br>== Dependency |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>plugin-error</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) 2015 Blaine Bublitz<br/>&lt;blaine.bublitz@gmail.com&gt;, Eric Schoffstall &lt;yo@contra.io&gt;<br/>and other contributors</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>posix-character-classes</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) 2016-2017, Jon Schlinkert<br/>Copyright © 2017, [Jon Schlinkert](https://github.com/<br/>jonschlinkert).</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>postcss-loader</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>(no copyright notices found)</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>postcss-modules-extract-imports</p> <p>== License Type</p> <p>===ISC-2745f562</p> <p>Copyright 2015 Glen Maddern</p> <p>Permission to use, copy, modify, and/or distribute this<br/>software for any purpose with or without fee is hereby<br/>granted, provided that the above copyright notice and this<br/>permission notice appear in all copies.</p> <p>THE SOFTWARE IS PROVIDED "AS IS" AND THE<br/>AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD<br/>TO THIS SOFTWARE INCLUDING ALL IMPLIED<br/>WARRANTIES OF MERCHANTABILITY AND FITNESS. IN<br/>NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY<br/>SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL<br/>DAMAGES OR ANY DAMAGES WHATSOEVER<br/>RESULTING FROM LOSS OF USE, DATA OR PROFITS,<br/>WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.</p> <p>== Copyright<br/>Copyright 2015 Glen Maddern<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>postcss-modules-local-by-default</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright 2015 Mark Dalgleish<br/>&lt;mark.john.dalgleish@gmail.com&gt;<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>postcss-modules-scope</p> <p>== License Type<br/>===ISC-b44f277a<br/>ISC License (ISC)<br/>Copyright (c) 2015, Glen Maddern<br/>Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.<br/><br/>THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.</p> <p>== Copyright<br/>Copyright (c) 2015, Glen Maddern<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>postcss-modules-values</p> <p>== License Type</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>===ISC-3430e122</p> <p>ISC License (ISC)</p> <p>Copyright (c) 2015, Glen Maddern</p> <p>Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.</p> <p>THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.</p> <p>== Copyright</p> <p>Copyright (c) 2015, Glen Maddern</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>postcss-selector-parser</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) Ben Briggs &lt;beneb.info@gmail.com&gt; (<a href="http://beneb.info">http://beneb.info</a>)</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>postcss-value-parser</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) Bogdan Chadkin &lt;trysound@yandex.ru&gt;</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>postcss</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Copyright 2013 Andrey Sitnik &lt;andrey@sitnik.ru&gt;<br/>           ----- (separator)<br/>           -----</p> <p>== Dependency<br/>           prettier</p> <p>== License Type<br/>           SPDX:MIT</p> <p>== Copyright<br/>           Copyright (C) 2013 Yusuke Suzuki<br/>           &lt;utatane.tea@gmail.com&gt;<br/>           Copyright (C) 2013-2014 Yusuke Suzuki<br/>           &lt;utatane.tea@gmail.com&gt;<br/>           Copyright (C) 2014 Ivan Nikulin &lt;ifaaan@gmail.com&gt;<br/>           Copyright (c) 2014-2016, Jon Schlinkert.<br/>           Copyright (c) 2014-2017, Jon Schlinkert.<br/>           Copyright (c) 2014-2020 Teambition<br/>           Copyright (c) 2014-present, Jon Schlinkert.<br/>           Copyright (c) 2015-2017, Jon Schlinkert.<br/>           Copyright (c) Facebook, Inc. and its affiliates. All Rights Reserved.<br/>           Copyright (c) Microsoft Corporation.<br/>           Copyright 2014, 2015, 2016, 2017, 2018 Simon Lydell<br/>           Copyright © James Long and contributors<br/>           ----- (separator)<br/>           -----</p> <p>== Dependency<br/>           pretty-format</p> <p>== License Type<br/>           SPDX:MIT</p> <p>== Copyright<br/>           Copyright (c) Facebook, Inc. and its affiliates.<br/>           Copyright (c) Facebook, Inc. and its affiliates. All Rights Reserved.<br/>           ----- (separator)<br/>           -----</p> <p>== Dependency<br/>           prismjs</p> <p>== License Type<br/>           SPDX:MIT</p> <p>== Copyright<br/>           Copyright (c) 2012 Lea Verou<br/>           ----- (separator)<br/>           -----</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <pre> == Dependency process-nextick-args  == License Type SPDX:MIT  == Copyright Copyright (c) 2015 Calvin Metcalf  ----- (separator) -----  == Dependency process-warning  == License Type SPDX:MIT  == Copyright Copyright (c) Fastify  ----- (separator) -----  == Dependency process  == License Type SPDX:MIT  == Copyright Copyright (c) 2013 Roman Shtylman &lt;shtylman@gmail.com&gt;  ----- (separator) -----  == Dependency promise-inflight  == License Type ===ISC-cee2d396  Copyright (c) 2017, Rebecca Turner &lt;me@re-becca.org&gt; Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.  THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR </pre> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.</p> <p>== Copyright<br/>Copyright (c) 2017, Rebecca Turner &lt;me@re-becca.org&gt;<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>prop-types<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) 2013-present, Facebook, Inc.<br/>Copyright (c) Facebook, Inc. and its affiliates.<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>property-information<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) 2015 Titus Wormer<br/>&lt;mailto:tituswormer@gmail.com&gt;<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>prer<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) 2013 Rod Vagg [@rvagg](https://twitter.com/rvagg) and licensed under the MIT licence. All rights not explicitly granted in the MIT license are reserved. See the included LICENSE.md file for more details.<br/>Copyright (c) 2014 Rod Vagg<br/>----- (separator)<br/>-----</p> <p>== Dependency</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>pseudomap</p> <p>== License Type</p> <p>===ISC-82703a69</p> <p>The ISC License</p> <p>Copyright (c) Isaac Z. Schlueter and Contributors</p> <p>Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.</p> <p>THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.</p> <p>== Copyright</p> <p>Copyright (c) Isaac Z. Schlueter and Contributors</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>psl</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) 2017 Lupo Montero<br/>&lt;lupomontero@gmail.com&gt;</p> <p>Copyright (c) 2017 Lupo Montero lupomontero@gmail.com</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>public-encrypt</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Copyright (c) 2017 Calvin Metcalf</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>pump</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) 2014 Mathias Buus</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>pump</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) 2014 Mathias Buus</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>pumpify</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) 2014 Mathias Buus</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>punycode</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>(no copyright notices found)</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>punycode</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>(no copyright notices found)</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>punycode</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>(no copyright notices found)</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>qs</p> <p>== License Type<br/>SPDX:BSD-3-Clause</p> <p>== Copyright<br/>Copyright (c) 2014, Nathan LaFreniere and other<br/>[contributors](https://github.com/ljharb/qs/graphs/<br/>contributors)</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>query-string</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) Sindre Sorhus &lt;sindresorhus@gmail.com&gt;<br/>(http://sindresorhus.com)</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>querystring-es3</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright 2012 Irakli Gozalishvili. All rights reserved.</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>querystring</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Copyright 2012 Irakli Gozalishvili. All rights reserved.</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency<br/>querystringify</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2015 Unshift.io, Arnout Kazemier, the Contributors.</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency<br/>queue-microtask</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) Feross Aboukhadijeh<br/>Copyright (c) [Feross Aboukhadijeh](https://feross.org).</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency<br/>quick-format-unescaped</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2016-2019 David Mark Clements</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency<br/>quick-lru</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) Sindre Sorhus &lt;sindresorhus@gmail.com&gt;<br/>(sindresorhus.com)</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency<br/>raf-schd</p> <p>== License Type<br/>SPDX:MIT</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>== Copyright<br/>Copyright (c) 2021 Alex Reardon<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>random-poly-fill<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) 2018 Thomas Watson Steen<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>randombytes<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) 2017 crypto-browserify<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>randomfill<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) 2017 crypto-browserify<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>raw-loader<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>(no copyright notices found)<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>re-select<br/>== License Type<br/>SPDX:MIT<br/>== Copyright</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Copyright (c) Andrea Carraro</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>re2</p> <p>== License Type</p> <p>===BSD-3-Clause--modified-by-Google-84b1ed10</p> <p>This library is available under the terms of the modified BSD license. No external contributions are allowed under licenses which are fundamentally incompatible with the BSD license that this library is distributed under.</p> <p>The text of the BSD license is reproduced below.</p> <p>-----</p> <p>The "New" BSD License:</p> <p>*****</p> <p>Copyright (c) 2005-2020, Eugene Lazutkin</p> <p>All rights reserved.</p> <p>Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:</p> <p>* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.</p> <p>* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.</p> <p>* Neither the name of Eugene Lazutkin nor the names of other contributors may be used to endorse or promote products derived from this software without specific prior written permission.</p> <p>THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>== Copyright<br/>Copyright (c) 2005-2020, Eugene Lazutkin<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>react-ace<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) 2014 James Hrisho<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>react-beautiful-dnd<br/>== License Type<br/>SPDX:Apache-2.0<br/>== Copyright<br/>Copyright (c) 2013-present, Facebook, Inc.<br/>Copyright 2015, Yahoo! Inc.<br/>Copyright 2019 Atlassian Pty Ltd<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>react-clientside-effect<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) 2015 Dan Abramov<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>react-dom<br/>== License Type</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | SPDX:MIT<br>== Copyright<br>Copyright (c) 2013-present, Facebook, Inc.<br>Copyright (c) Facebook, Inc. and its affiliates.<br>----- (separator)<br>-----<br>== Dependency<br>react-dropzone<br>== License Type<br>SPDX:MIT<br>== Copyright<br>Copyright (c) 2018 Param Aggarwal<br>Copyright (c) Microsoft Corporation.<br>----- (separator)<br>-----<br>== Dependency<br>react-focus-lock<br>== License Type<br>SPDX:MIT<br>== Copyright<br>Copyright (c) 2017 Anton<br>----- (separator)<br>-----<br>== Dependency<br>react-focus-on<br>== License Type<br>SPDX:MIT<br>== Copyright<br>Copyright (c) 2017 Anton<br>----- (separator)<br>-----<br>== Dependency<br>react-input-autosize<br>== License Type<br>SPDX:MIT<br>== Copyright<br>Copyright (c) 2018 Jed Watson<br>Copyright (c) 2018 Jed Watson. [MIT](LICENSE) License.<br>Copyright (c) Facebook, Inc. and its affiliates.<br>----- (separator)<br>----- |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>== Dependency<br/>react-input-range</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2013-present, Facebook, Inc.<br/>Copyright (c) 2015 David Chin<br/>Copyright 2013-present, Facebook, Inc.<br/>Copyright 2014-2015, Facebook, Inc.<br/>copyright 2015, Andrey Popp &lt;8mayday@gmail.com&gt;</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>react-intl</p> <p>== License Type<br/>===BSD-3-Clause-00e6226a</p> <p>Copyright 2014 Yahoo Inc.<br/>All rights reserved.</p> <p>Redistribution and use in source and binary forms, with or without<br/>modification, are permitted provided that the following<br/>conditions are met:</p> <p>* Redistributions of source code must retain the above<br/>copyright<br/>notice, this list of conditions and the following disclaimer.</p> <p>* Redistributions in binary form must reproduce the above<br/>copyright<br/>notice, this list of conditions and the following disclaimer in<br/>the<br/>documentation and/or other materials provided with the<br/>distribution.</p> <p>* Neither the name of the Yahoo Inc. nor the<br/>names of its contributors may be used to endorse or promote<br/>products<br/>derived from this software without specific prior written<br/>permission.</p> <p>THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT<br/>HOLDERS AND CONTRIBUTORS "AS IS" AND<br/>ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING,<br/>BUT NOT LIMITED TO, THE IMPLIED<br/>WARRANTIES OF MERCHANTABILITY AND FITNESS<br/>FOR A PARTICULAR PURPOSE ARE<br/>DISCLAIMED. IN NO EVENT SHALL YAHOO! INC. BE<br/>LIABLE FOR ANY</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES<br/>(INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES;<br/>LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND<br/>ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT<br/>(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS<br/>SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>== Copyright<br/>Copyright (c) 2014, Yahoo! Inc. All rights reserved.<br/>Copyright (c) Facebook, Inc. and its affiliates.<br/>Copyright 2013 Andy Earnshaw, MIT License<br/>Copyright 2013-2014, Facebook, Inc.<br/>Copyright 2013-2015, Facebook, Inc.<br/>Copyright 2014 Yahoo Inc.<br/>Copyright 2015, Yahoo Inc.<br/>Copyright 2015, Yahoo! Inc.<br/>Copyright 2019, Yahoo Inc.</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>react-is</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2013-present, Facebook, Inc.</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>react-is</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2013-present, Facebook, Inc.</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>react-is</p> <p>== License Type</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | SPDX:MIT<br>== Copyright<br>Copyright (c) 2013-present, Facebook, Inc.<br>----- (separator)<br>-----<br>== Dependency<br>react-redux<br>== License Type<br>SPDX:MIT<br>== Copyright<br>Copyright (c) 2013-present, Facebook, Inc.<br>Copyright (c) 2015-present Dan Abramov<br>Copyright (c) Facebook, Inc. and its affiliates.<br>Copyright 2015, Yahoo! Inc.<br>----- (separator)<br>-----<br>== Dependency<br>react-use<br>== License Type<br>SPDX:Unlicense<br>== Copyright<br>(no copyright notices found)<br>----- (separator)<br>-----<br>== Dependency<br>react-window<br>== License Type<br>SPDX:MIT<br>== Copyright<br>Copyright (c) 2018 Brian Vaughn<br>----- (separator)<br>-----<br>== Dependency<br>react<br>== License Type<br>SPDX:MIT<br>== Copyright<br>Copyright (c) 2013-present, Facebook, Inc.<br>Copyright (c) Facebook, Inc. and its affiliates.<br>----- (separator)<br>----- |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <pre> == Dependency read-pkg-up == License Type SPDX:MIT == Copyright Copyright (c) Sindre Sorhus &lt;sindresorhus@gmail.com&gt; (sindresorhus.com) ----- (separator) -----  == Dependency read-pkg == License Type SPDX:MIT == Copyright Copyright (c) Sindre Sorhus &lt;sindresorhus@gmail.com&gt; (sindresorhus.com) ----- (separator) -----  == Dependency readable-stream == License Type SPDX:MIT == Copyright (no copyright notices found) ----- (separator) -----  == Dependency readable-stream == License Type SPDX:MIT == Copyright (no copyright notices found) ----- (separator) -----  == Dependency readdirp == License Type SPDX:MIT == Copyright Copyright (c) 2012-2019 Thorsten Lorenz, Paul Miller (&lt;https://paulmillr.com&gt;) </pre> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Copyright (c) 2012-2019 Thorsten Lorenz, Paul Miller<br/>(<a href="https://paulmillr.com">https://paulmillr.com</a>)</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>readdirp</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) 2012-2019 Thorsten Lorenz, Paul Miller<br/>(<a href="https://paulmillr.com">https://paulmillr.com</a>)</p> <p>Copyright (c) 2012-2019 Thorsten Lorenz, Paul Miller<br/>(<a href="https://paulmillr.com">https://paulmillr.com</a>)</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>rechoir</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) 2014-2019 Tyler Kellen &lt;<a href="mailto:tyler@sleekcode.net">tyler@sleekcode.net</a>&gt;, Blaine Bublitz &lt;<a href="mailto:blaine.bublitz@gmail.com">blaine.bublitz@gmail.com</a>&gt;, and Eric Schoffstall &lt;<a href="mailto:yo@contra.io">yo@contra.io</a>&gt;</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>redent</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) Sindre Sorhus &lt;<a href="mailto:sindresorhus@gmail.com">sindresorhus@gmail.com</a>&gt;<br/>(<a href="https://sindresorhus.com">sindresorhus.com</a>)</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>redux-thunk</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) 2015-present Dan Abramov</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>redux</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2015-present Dan Abramov</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>redux</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2015-present Dan Abramov</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>refractor</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2017 Titus Wormer &lt;tituswormer@gmail.com&gt;</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>regenerate-unicode-properties</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>(no copyright notices found)</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>regenerate</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>(no copyright notices found)</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>regenerator-runtime</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2014-present, Facebook, Inc.<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>regenerator-transform</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2014-present, Facebook, Inc.<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>regex-not</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2016, 2018, Jon Schlinkert.<br/>Copyright © 2018, [Jon Schlinkert](https://github.com/jonschlinkert).<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>regexpu-core</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>(no copyright notices found)<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>regjsngen</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright 2014-2020 Benjamin Tan &lt;https://ofcr.se/&gt;<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>regjsparser</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>== License Type</p> <p>===BSD-2-Clause-079ac02c</p> <p>Copyright (c) Julian Viereck and Contributors, All Rights Reserved.</p> <p>Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:</p> <p>* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.</p> <p>* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.</p> <p>THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL &lt;COPYRIGHT HOLDER&gt; BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>== Copyright</p> <p>Copyright (c) Julian Viereck and Contributors, All Rights Reserved.</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>rehype-raw</p> <p>== License Type</p> <p>SPDX:MIT</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>== Copyright<br/>Copyright (c) 2016 Titus Wormer &lt;tituswormer@gmail.com&gt;<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>relative-microtime</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2018 Thomas Watson Steen<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>remark-emoji</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2016 rhysd<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>remove-bom-buffer</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2015-2017, Jon Schlinkert.<br/>Copyright © 2017, [Jon Schlinkert](https://github.com/jonschlinkert).<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>remove-bom-stream</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2017 Blaine Bublitz<br/>&lt;blaine.bublitz@gmail.com&gt;, Eric Schoffstall &lt;yo@contra.io&gt;<br/>and other contributors<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>remove-trailing-separator</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>== License Type<br/>         ===ISC-294c1c77</p> <p>Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.</p> <p>THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.</p> <p>== Copyright<br/>         (no copyright notices found)</p> <p>----- (separator)<br/>         -----</p> <p>== Dependency<br/>         repeat-element</p> <p>== License Type<br/>         SPDX:MIT</p> <p>== Copyright<br/>         Copyright (c) 2015-present, Jon Schlinkert.<br/>         Copyright © 2018, [Jon Schlinkert](https://github.com/jonschlinkert).</p> <p>----- (separator)<br/>         -----</p> <p>== Dependency<br/>         repeat-string</p> <p>== License Type<br/>         SPDX:MIT</p> <p>== Copyright<br/>         Copyright (c) 2014-2015, Jon Schlinkert.<br/>         Copyright (c) 2014-2016, Jon Schlinkert.<br/>         Copyright © 2016, [Jon Schlinkert](http://github.com/jonschlinkert).</p> <p>----- (separator)<br/>         -----</p> <p>== Dependency<br/>         replace-ext</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2014 Blaine Bublitz<br/>&lt;blaine.bublitz@gmail.com&gt;, Eric Schoffstall &lt;yo@contra.io&gt;<br/>and other contributors</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>request</p> <p>== License Type<br/>SPDX:Apache-2.0</p> <p>== Copyright<br/>Copyright 2010-2012 Mikeal Rogers</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>require-directory</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2011 Troy Goode &lt;troygoode@gmail.com&gt;</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>require-in-the-middle</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2016-2019 Thomas Watson Steen</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>require-main-filename</p> <p>== License Type<br/>===ISC-8fd10638</p> <p>Copyright (c) 2016, Contributors</p> <p>Permission to use, copy, modify, and/or distribute this<br/>software<br/>for any purpose with or without fee is hereby granted,<br/>provided<br/>that the above copyright notice and this permission notice</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>appear in all copies.</p> <p>THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.</p> <p>== Copyright<br/>Copyright (c) 2016, Contributors<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>requires-port</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2015 Unshift.io, Arnout Kazemier, the Contributors.<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>reselect</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2015-2018 Reselect Contributors<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>reselect</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2015-2018 Reselect Contributors</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>resize-observer-polyfill</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2016 Denis Rul</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>resolve-from</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) Sindre Sorhus &lt;sindresorhus@gmail.com&gt;<br/>(sindresorhus.com)</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>resolve-options</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2017 Blaine Bublitz<br/>&lt;blaine.bublitz@gmail.com&gt;, Eric Schoffstall &lt;yo@contra.io&gt;<br/>and other contributors</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>resolve-pathname</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) Michael Jackson 2016-2018</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>resolve-url</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Copyright (c) 2013 Simon Lydell<br/>Copyright 2014 Simon Lydell<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>resolve<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) 2012 James Halliday<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>restore-cursor<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) Sindre Sorhus &lt;sindresorhus@gmail.com&gt;<br/>(sindresorhus.com)<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>ret<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (C) 2011 by Roly Fentanes<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>reusify<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) 2015 Matteo Collina<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>rfdc<br/>== License Type<br/>SPDX:MIT</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>== Copyright<br/>Copyright 2019 "David Mark Clements<br/>&lt;david.mark.clements@gmail.com&gt;"<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>rimraf</p> <p>== License Type<br/>===ISC-82703a69</p> <p>The ISC License<br/>Copyright (c) Isaac Z. Schlueter and Contributors<br/>Permission to use, copy, modify, and/or distribute this<br/>software for any<br/>purpose with or without fee is hereby granted, provided that<br/>the above<br/>copyright notice and this permission notice appear in all<br/>copies.<br/><br/>THE SOFTWARE IS PROVIDED "AS IS" AND THE<br/>AUTHOR DISCLAIMS ALL WARRANTIES<br/>WITH REGARD TO THIS SOFTWARE INCLUDING ALL<br/>IMPLIED WARRANTIES OF<br/>MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL<br/>THE AUTHOR BE LIABLE FOR<br/>ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL<br/>DAMAGES OR ANY DAMAGES<br/>WHATSOEVER RESULTING FROM LOSS OF USE, DATA<br/>OR PROFITS, WHETHER IN AN<br/>ACTION OF CONTRACT, NEGLIGENCE OR OTHER<br/>TORTIOUS ACTION, ARISING OUT OF OR<br/>IN CONNECTION WITH THE USE OR PERFORMANCE OF<br/>THIS SOFTWARE.</p> <p>== Copyright<br/>Copyright (c) Isaac Z. Schlueter and Contributors<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>rimraf</p> <p>== License Type<br/>===ISC-82703a69</p> <p>The ISC License<br/>Copyright (c) Isaac Z. Schlueter and Contributors<br/>Permission to use, copy, modify, and/or distribute this<br/>software for any</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>purpose with or without fee is hereby granted, provided that the above<br/>copyright notice and this permission notice appear in all copies.</p> <p>THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES<br/>WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF<br/>MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR<br/>ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES<br/>WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN<br/>ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR<br/>IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.</p> <p>== Copyright<br/>Copyright (c) Isaac Z. Schlueter and Contributors<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>ripemd160</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2016 crypto-browserify<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>rison-node</p> <p>== License Type<br/>SPDX:Apache-2.0</p> <p>== Copyright<br/>Copyright 2006 Oliver Steele. All rights reserved.<br/>Copyright 2012 rison original author<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>rtl-css-js</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Copyright (c) 2017 Kent C. Dodds</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>run-async</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) 2014 Simon Boudrias</p> <p>Copyright (c) 2014 Simon Boudrias (twitter: @vaxilart)</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>run-parallel</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) Feross Aboukhadijeh</p> <p>Copyright (c) [Feross Aboukhadijeh](http://feross.org).</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>rxjs</p> <p>== License Type</p> <p>SPDX:Apache-2.0</p> <p>== Copyright</p> <p>Copyright (c) 2015-2018 Google, Inc., Netflix, Inc., Microsoft Corp. and contributors</p> <p>Copyright (c) Microsoft Corporation. All rights reserved.</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>safe-buffer</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (C) [Feross Aboukhadijeh](http://feross.org)</p> <p>Copyright (c) Feross Aboukhadijeh</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>safe-buffer</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (C) [Feross Aboukhadijeh](http://feross.org)<br/>Copyright (c) Feross Aboukhadijeh<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>safe-regex</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>(no copyright notices found)<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>safer-buffer</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2018 Nikita Skovoroda &lt;chalkerx@gmail.com&gt;<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>sass-loader</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>(no copyright notices found)<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>sax</p> <p>== License Type<br/>===ISC-326d5674</p> <p>The ISC License<br/>Copyright (c) Isaac Z. Schlueter and Contributors<br/>Permission to use, copy, modify, and/or distribute this<br/>software for any<br/>purpose with or without fee is hereby granted, provided that<br/>the above</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>copyright notice and this permission notice appear in all copies.</p> <p>THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.</p> <p>====</p> <p>`String.fromCodePoint` by Mathias Bynens used according to terms of MIT License, as follows:</p> <p>Copyright Mathias Bynens &lt;<a href="https://mathiasbynens.be/">https://mathiasbynens.be/</a>&gt;</p> <p>Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:</p> <p>The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.</p> <p>THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.</p> <p>== Copyright<br/>Copyright (c) Isaac Z. Schlueter and Contributors<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>scheduler</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) Facebook, Inc. and its affiliates.<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>schema-utils</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>(no copyright notices found)<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>schema-utils</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>(no copyright notices found)<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>schema-utils</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>(no copyright notices found)<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>schema-utils</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>(no copyright notices found)</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>screenfull</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) Sindre Sorhus &lt;sindresorhus@gmail.com&gt;<br/>(sindresorhus.com)</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>scss-tokenizer</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2015 sasstools</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>secure-json-parse</p> <p>== License Type<br/>===BSD-3-Clause--modified-by-Google-e60c1730</p> <p>Copyright (c) 2019 The Fastify Team<br/>Copyright (c) 2019, Sideway Inc, and project contributors<br/>All rights reserved.</p> <p>Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:</p> <p>* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.</p> <p>* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.</p> <p>* The names of any contributors may not be used to endorse or promote products derived from this software without specific prior written permission.</p> <p>THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDERS AND CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>The complete list of contributors can be found at:</p> <ul style="list-style-type: none"> <li>- <a href="https://github.com/hapijs/bourne/graphs/contributors">https://github.com/hapijs/bourne/graphs/contributors</a></li> <li>- <a href="https://github.com/fastify/secure-json-parse/graphs/contributors">https://github.com/fastify/secure-json-parse/graphs/contributors</a></li> </ul> <p>== Copyright</p> <p>Copyright (c) 2019 The Fastify Team</p> <p>Copyright (c) 2019, Sideway Inc, and project contributors</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>semver</p> <p>== License Type</p> <p>===ISC-82703a69</p> <p>The ISC License</p> <p>Copyright (c) Isaac Z. Schlueter and Contributors</p> <p>Permission to use, copy, modify, and/or distribute this software for any</p> <p>purpose with or without fee is hereby granted, provided that the above</p> <p>copyright notice and this permission notice appear in all copies.</p> <p>THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES</p> <p>WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF</p> <p>MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR</p> <p>ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES</p> <p>WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.</p> <p>== Copyright<br/>Copyright (c) Isaac Z. Schlueter and Contributors<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>semver</p> <p>== License Type<br/>===ISC-82703a69<br/>The ISC License<br/>Copyright (c) Isaac Z. Schlueter and Contributors<br/>Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.<br/>THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.</p> <p>== Copyright<br/>Copyright (c) Isaac Z. Schlueter and Contributors<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>semver</p> <p>== License Type<br/>===ISC-82703a69<br/>The ISC License<br/>Copyright (c) Isaac Z. Schlueter and Contributors</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.</p> <p>THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.</p> <p>== Copyright<br/>Copyright (c) Isaac Z. Schlueter and Contributors<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>semver</p> <p>== License Type<br/>===ISC-82703a69<br/>The ISC License<br/>Copyright (c) Isaac Z. Schlueter and Contributors<br/>Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.</p> <p>THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.</p> <p>== Copyright<br/>Copyright (c) Isaac Z. Schlueter and Contributors<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>serialize-javascript</p> <p>== License Type<br/>===BSD-3-Clause-88ca0f62</p> <p>Copyright 2014 Yahoo! Inc.<br/>All rights reserved.</p> <p>Redistribution and use in source and binary forms, with or without<br/>modification, are permitted provided that the following<br/>conditions are met:</p> <p>* Redistributions of source code must retain the above<br/>copyright<br/>notice, this list of conditions and the following disclaimer.</p> <p>* Redistributions in binary form must reproduce the above<br/>copyright<br/>notice, this list of conditions and the following disclaimer in<br/>the<br/>documentation and/or other materials provided with the<br/>distribution.</p> <p>* Neither the name of the Yahoo! Inc. nor the<br/>names of its contributors may be used to endorse or promote<br/>products<br/>derived from this software without specific prior written<br/>permission.</p> <p>THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT<br/>HOLDERS AND CONTRIBUTORS "AS IS" AND<br/>ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING,<br/>BUT NOT LIMITED TO, THE IMPLIED<br/>WARRANTIES OF MERCHANTABILITY AND FITNESS<br/>FOR A PARTICULAR PURPOSE ARE<br/>DISCLAIMED. IN NO EVENT SHALL YAHOO! INC. BE<br/>LIABLE FOR ANY<br/>DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY,<br/>OR CONSEQUENTIAL DAMAGES<br/>(INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF<br/>SUBSTITUTE GOODS OR SERVICES;<br/>LOSS OF USE, DATA, OR PROFITS; OR BUSINESS<br/>INTERRUPTION) HOWEVER CAUSED AND</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>== Copyright<br/>Copyright (c) 2014, Yahoo! Inc. All rights reserved.<br/>Copyright 2014 Yahoo! Inc.<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>set-blocking</p> <p>== License Type<br/>===ISC-8fd10638</p> <p>Copyright (c) 2016, Contributors</p> <p>Permission to use, copy, modify, and/or distribute this software<br/>for any purpose with or without fee is hereby granted,<br/>provided<br/>that the above copyright notice and this permission notice<br/>appear in all copies.</p> <p>THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.</p> <p>== Copyright<br/>Copyright (c) 2016, Contributors<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>set-harmonic-interval</p> <p>== License Type<br/>SPDX:Unlicense</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>== Copyright<br/>(no copyright notices found)</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>set-value</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2014-2015, 2017, Jon Schlinkert.<br/>Copyright (c) 2014-2017, Jon Schlinkert<br/>Copyright © 2017, [Jon Schlinkert](https://github.com/jonschlinkert).</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>setimmediate</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2012 Barnesandnoble.com, llc, Donavon West,<br/>and Domenic Denicola</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>sha.js</p> <p>== License Type<br/>===BSD-3-Clause--modified-by-Google-71f5a3fe</p> <p>Copyright (c) 2013-2018 sha.js contributors</p> <p>Permission is hereby granted, free of charge, to any person<br/>obtaining a copy<br/>of this software and associated documentation files (the<br/>"Software"), to deal<br/>in the Software without restriction, including without limitation<br/>the rights<br/>to use, copy, modify, merge, publish, distribute, sublicense,<br/>and/or sell<br/>copies of the Software, and to permit persons to whom the<br/>Software is<br/>furnished to do so, subject to the following conditions:</p> <p>The above copyright notice and this permission notice shall<br/>be included in all<br/>copies or substantial portions of the Software.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.</p> <p>Copyright (c) 1998 - 2009, Paul Johnston &amp; Contributors<br/>All rights reserved.</p> <p>Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:</p> <p>Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.</p> <p>Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.</p> <p>Neither the name of the author nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.</p> <p>THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>== Copyright<br/>Copyright (c) 1998 - 2009, Paul Johnston &amp; Contributors<br/>Copyright (c) 2013-2018 sha.js contributors<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>shallow-clone-shim</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2019 Thomas Watson Steen<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>shallowequal</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2017 Alberto Leal &lt;mailforalberto@gmail.com&gt; (github.com/dashed)<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>shebang-command</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) Kevin Mårtensson &lt;kevinmartensson@gmail.com&gt; (github.com/kevva)<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>shebang-regex</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Copyright (c) Sindre Sorhus &lt;sindresorhus@gmail.com&gt; (sindresorhus.com)</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>shelljs</p> <p>== License Type</p> <p>===BSD-3-Clause--modified-by-Google-984c31fd</p> <p>Copyright (c) 2012, Artur Adib &lt;arturadib@gmail.com&gt;</p> <p>All rights reserved.</p> <p>You may use this project under the terms of the New BSD license as follows:</p> <p>Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:</p> <p>* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.</p> <p>* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.</p> <p>* Neither the name of Artur Adib nor the names of the contributors may be used to endorse or promote products derived from this software without specific prior written permission.</p> <p>THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL ARTUR ADIB BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>== Copyright<br/>Copyright (c) 2010 Ryan McGrath<br/>Copyright (c) 2012 Artur Adib<br/>Copyright (c) 2012, Artur Adib &lt;arturadib@gmail.com&gt;<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>side-channel</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2019 Jordan Harband<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>signal-exit</p> <p>== License Type<br/>===ISC-e29e2026</p> <p>The ISC License<br/>Copyright (c) 2015, Contributors<br/>Permission to use, copy, modify, and/or distribute this software<br/>for any purpose with or without fee is hereby granted,<br/>provided<br/>that the above copyright notice and this permission notice<br/>appear in all copies.</p> <p>THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES<br/>WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES<br/>OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE<br/>LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES<br/>OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS,<br/>WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION,<br/>ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>== Copyright<br/>Copyright (c) 2015, Contributors<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>simple-swizzle</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2015 Josh Junon<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>slash</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) Sindre Sorhus &lt;sindresorhus@gmail.com&gt;<br/>(sindresorhus.com)<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>slash</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) Sindre Sorhus &lt;sindresorhus@gmail.com&gt;<br/>(sindresorhus.com)<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>snapdragon-node</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2017, Jon Schlinkert<br/>Copyright © 2017, [Jon Schlinkert](https://github.com/jonschlinkert).<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>snapdragon-util</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2017, Jon Schlinkert<br/>Copyright © 2017, [Jon Schlinkert](https://github.com/jonschlinkert).</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>snapdragon</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2012 TJ Holowaychuk &lt;tj@vision-media.ca&gt;<br/>Copyright (c) 2015-2016, Jon Schlinkert.<br/>Copyright © 2016, [Jon Schlinkert](https://github.com/jonschlinkert).</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>sonic-boom</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2017 Matteo Collina</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>source-list-map</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2017 JS Foundation<br/>Copyright 2011 Mozilla Foundation and contributors<br/>Copyright 2011 The Closure Compiler Authors. All rights reserved.<br/>Copyright 2017 JS Foundation</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>source-map-js</p> <p>== License Type</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>===BSD-3-Clause-b1ca6dbc</p> <p>Copyright (c) 2009-2011, Mozilla Foundation and contributors<br/>All rights reserved.</p> <p>Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:</p> <p>* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.</p> <p>* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.</p> <p>* Neither the names of the Mozilla Foundation nor the names of project contributors may be used to endorse or promote products derived from this software without specific prior written permission.</p> <p>THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>== Copyright</p> <p>Copyright (c) 2009-2011, Mozilla Foundation and contributors</p> <p>Copyright 2009-2011 Mozilla Foundation and contributors</p> <p>Copyright 2011 Mozilla Foundation and contributors</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Copyright 2011 The Closure Compiler Authors. All rights reserved.</p> <p>Copyright 2014 Mozilla Foundation and contributors</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>source-map-resolve</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) 2014, 2015, 2016, 2017, 2018, 2019 Simon Lydell</p> <p>Copyright (c) 2019 ZHAO Jinxiang</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>source-map-support</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) 2014 Evan Wallace</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>source-map-url</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) 2014 Simon Lydell</p> <p>Copyright 2014 Simon Lydell</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>source-map</p> <p>== License Type</p> <p>====BSD-3-Clause-b1ca6dbc</p> <p>Copyright (c) 2009-2011, Mozilla Foundation and contributors</p> <p>All rights reserved.</p> <p>Redistribution and use in source and binary forms, with or without</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>modification, are permitted provided that the following conditions are met:</p> <p>* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.</p> <p>* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.</p> <p>* Neither the names of the Mozilla Foundation nor the names of project contributors may be used to endorse or promote products derived from this software without specific prior written permission.</p> <p>THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>== Copyright</p> <p>Copyright (c) 2009-2011, Mozilla Foundation and contributors</p> <p>Copyright 2009-2011 Mozilla Foundation and contributors</p> <p>Copyright 2011 Mozilla Foundation and contributors</p> <p>Copyright 2011 The Closure Compiler Authors. All rights reserved.</p> <p>Copyright 2014 Mozilla Foundation and contributors</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>source-map</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>== License Type</p> <p>===BSD-3-Clause-b1ca6dbc</p> <p>Copyright (c) 2009-2011, Mozilla Foundation and contributors</p> <p>All rights reserved.</p> <p>Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:</p> <p>* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.</p> <p>* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.</p> <p>* Neither the names of the Mozilla Foundation nor the names of project contributors may be used to endorse or promote products derived from this software without specific prior written permission.</p> <p>THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>== Copyright</p> <p>Copyright (c) 2009-2011, Mozilla Foundation and contributors</p> <p>Copyright 2009-2011 Mozilla Foundation and contributors</p> <p>Copyright 2011 Mozilla Foundation and contributors</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Copyright 2011 The Closure Compiler Authors. All rights reserved.</p> <p>Copyright 2014 Mozilla Foundation and contributors</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>source-map</p> <p>== License Type</p> <p>===BSD-3-Clause-b1ca6dbc</p> <p>Copyright (c) 2009-2011, Mozilla Foundation and contributors</p> <p>All rights reserved.</p> <p>Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:</p> <p>* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.</p> <p>* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.</p> <p>* Neither the names of the Mozilla Foundation nor the names of project contributors may be used to endorse or promote products derived from this software without specific prior written permission.</p> <p>THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY,</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>== Copyright</p> <p>Copyright (c) 2009-2011, Mozilla Foundation and contributors</p> <p>Copyright 2009-2011 Mozilla Foundation and contributors</p> <p>Copyright 2011 Mozilla Foundation and contributors</p> <p>Copyright 2011 The Closure Compiler Authors. All rights reserved.</p> <p>Copyright 2014 Mozilla Foundation and contributors</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>source-map</p> <p>== License Type</p> <p>===BSD-3-Clause-b1ca6dbc</p> <p>Copyright (c) 2009-2011, Mozilla Foundation and contributors</p> <p>All rights reserved.</p> <p>Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:</p> <p>* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.</p> <p>* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.</p> <p>* Neither the names of the Mozilla Foundation nor the names of project contributors may be used to endorse or promote products derived from this software without specific prior written permission.</p> <p>THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>== Copyright<br/>Copyright (c) 2009-2011, Mozilla Foundation and contributors<br/>Copyright 2009-2011 Mozilla Foundation and contributors<br/>Copyright 2011 Mozilla Foundation and contributors<br/>Copyright 2011 The Closure Compiler Authors. All rights reserved.<br/>Copyright 2014 Mozilla Foundation and contributors<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>source-map</p> <p>== License Type<br/>===BSD-3-Clause-b1ca6dbc</p> <p>Copyright (c) 2009-2011, Mozilla Foundation and contributors<br/>All rights reserved.</p> <p>Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:</p> <p>* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.</p> <p>* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.</p> <p>* Neither the names of the Mozilla Foundation nor the names of project</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>contributors may be used to endorse or promote products derived from this software without specific prior written permission.</p> <p>THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>== Copyright<br/>Copyright (c) 2009-2011, Mozilla Foundation and contributors<br/>Copyright 2009-2011 Mozilla Foundation and contributors<br/>Copyright 2011 Mozilla Foundation and contributors<br/>Copyright 2011 The Closure Compiler Authors. All rights reserved.<br/>Copyright 2014 Mozilla Foundation and contributors<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>source-map</p> <p>== License Type<br/>===BSD-3-Clause-b1ca6dbc</p> <p>Copyright (c) 2009-2011, Mozilla Foundation and contributors<br/>All rights reserved.</p> <p>Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:</p> <p>* Redistributions of source code must retain the above copyright notice, this</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>list of conditions and the following disclaimer.</p> <p>* Redistributions in binary form must reproduce the above copyright notice,<br/>this list of conditions and the following disclaimer in the documentation<br/>and/or other materials provided with the distribution.</p> <p>* Neither the names of the Mozilla Foundation nor the names of project<br/>contributors may be used to endorse or promote products derived from this<br/>software without specific prior written permission.</p> <p>THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND<br/>ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED<br/>WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE<br/>DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE<br/>FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL<br/>DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR<br/>SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER<br/>CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY,<br/>OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE<br/>OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>== Copyright<br/>Copyright (c) 2009-2011, Mozilla Foundation and contributors<br/>Copyright 2009-2011 Mozilla Foundation and contributors<br/>Copyright 2011 Mozilla Foundation and contributors<br/>Copyright 2011 The Closure Compiler Authors. All rights reserved.<br/>Copyright 2014 Mozilla Foundation and contributors</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>sourcemap-codec</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Copyright (c) 2015 Rich Harris</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>space-separated-tokens</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) 2016 Titus Wormer &lt;tituswormer@gmail.com&gt;</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>spdx-correct</p> <p>== License Type</p> <p>SPDX:Apache-2.0</p> <p>== Copyright</p> <p>Copyright 2015 Kyle E. Mitchell</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>spdx-expression-parse</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) 2015 Kyle E. Mitchell &amp; other authors listed in AUTHORS</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>split-on-first</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) Sindre Sorhus &lt;sindresorhus@gmail.com&gt; (sindresorhus.com)</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>split-string</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Copyright (c) 2015-2017, Jon Schlinkert.<br/> Copyright © 2017, [Jon Schlinkert](https://github.com/jonschlinkert).<br/> ----- (separator)<br/> -----</p> <p>== Dependency<br/> sprintf-js</p> <p>== License Type<br/> ===BSD-3-Clause--modified-by-Google-1de2a9f1</p> <p>Copyright (c) 2007-present, Alexandru Mărăteanu<br/> &lt;hello@alexei.ro&gt;<br/> All rights reserved.</p> <p>Redistribution and use in source and binary forms, with or without<br/> modification, are permitted provided that the following<br/> conditions are met:</p> <p>* Redistributions of source code must retain the above<br/> copyright<br/> notice, this list of conditions and the following disclaimer.</p> <p>* Redistributions in binary form must reproduce the above<br/> copyright<br/> notice, this list of conditions and the following disclaimer in the<br/> documentation and/or other materials provided with the<br/> distribution.</p> <p>* Neither the name of this software nor the names of its<br/> contributors may be<br/> used to endorse or promote products derived from this<br/> software without<br/> specific prior written permission.</p> <p>THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT<br/> HOLDERS AND CONTRIBUTORS "AS IS" AND<br/> ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING,<br/> BUT NOT LIMITED TO, THE IMPLIED<br/> WARRANTIES OF MERCHANTABILITY AND FITNESS<br/> FOR A PARTICULAR PURPOSE ARE<br/> DISCLAIMED. IN NO EVENT SHALL THE AUTHORS OR<br/> COPYRIGHT HOLDERS BE LIABLE FOR<br/> ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL,<br/> EXEMPLARY, OR CONSEQUENTIAL DAMAGES<br/> (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF<br/> SUBSTITUTE GOODS OR SERVICES;<br/> LOSS OF USE, DATA, OR PROFITS; OR BUSINESS<br/> INTERRUPTION) HOWEVER CAUSED AND<br/> ON ANY THEORY OF LIABILITY, WHETHER IN<br/> CONTRACT, STRICT LIABILITY, OR TORT</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>== Copyright<br/>Copyright (c) 2007-present, Alexandru Mărăteanu &lt;hello@alexei.ro&gt;<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>sprintf-js</p> <p>== License Type<br/>===BSD-3-Clause--modified-by-Google-1de2a9f1</p> <p>Copyright (c) 2007-present, Alexandru Mărăteanu &lt;hello@alexei.ro&gt;<br/>All rights reserved.</p> <p>Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:</p> <p>* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.</p> <p>* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.</p> <p>* Neither the name of this software nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.</p> <p>THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES;</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>== Copyright<br/>Copyright (c) 2007-present, Alexandru Mărăteanu &lt;hello@alexei.ro&gt;<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>sql-summary</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2015-2018 Thomas Watson Steen<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>sshpk</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright 2015 Joyent, Inc.<br/>Copyright 2016 Joyent, Inc.<br/>Copyright 2017 Joyent, Inc.<br/>Copyright 2018 Joyent, Inc.<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>ssri</p> <p>== License Type<br/>===ISC-5324d196</p> <p>ISC License<br/>Copyright (c) npm, Inc.<br/>Permission to use, copy, modify, and/or distribute this software for<br/>any purpose with or without fee is hereby granted, provided that the</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>above copyright notice and this permission notice appear in all copies.</p> <p>THE SOFTWARE IS PROVIDED "AS IS" AND THE COPYRIGHT HOLDER DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE COPYRIGHT HOLDER BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.</p> <p>== Copyright<br/>Copyright (c) npm, Inc.<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>ssri</p> <p>== License Type<br/>===ISC-5324d196<br/>ISC License<br/>Copyright (c) npm, Inc.</p> <p>Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.</p> <p>THE SOFTWARE IS PROVIDED "AS IS" AND THE COPYRIGHT HOLDER DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE COPYRIGHT HOLDER BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.</p> <p>== Copyright<br/>Copyright (c) npm, Inc.<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>ssri<br/>== License Type<br/>===ISC-5324d196<br/>ISC License<br/>Copyright (c) npm, Inc.<br/>Permission to use, copy, modify, and/or distribute this software for<br/>any purpose with or without fee is hereby granted, provided that the<br/>above copyright notice and this permission notice appear in all copies.<br/>THE SOFTWARE IS PROVIDED "AS IS" AND THE COPYRIGHT HOLDER DISCLAIMS<br/>ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED<br/>WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE<br/>COPYRIGHT HOLDER BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR<br/>CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS<br/>OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE<br/>OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE<br/>USE OR PERFORMANCE OF THIS SOFTWARE.</p> <p>== Copyright<br/>Copyright (c) npm, Inc.<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>stack-generator<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) 2017 Eric Wendelin and other contributors</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>stackframe</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2017 Eric Wendelin and other contributors</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>stacktrace-gps</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2017 Eric Wendelin and other contributors</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>stacktrace-js</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2014 Yehuda Katz, Tom Dale, Stefan Penner and contributors (Conversion to ES6 API by Jake Archibald)<br/>Copyright (c) 2017 Eric Wendelin and other contributors<br/>Copyright 2011 Mozilla Foundation and contributors<br/>Copyright 2011 The Closure Compiler Authors. All rights reserved.<br/>Copyright 2012-2014, Kit Cambridge   <a href="http://kit.mit-license.org">http://kit.mit-license.org</a> */</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>state-toggle</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2016 Titus Wormer &lt;tituswormer@gmail.com&gt;</p> <p>----- (separator)<br/>-----</p> <p>== Dependency</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | static-extend<br>== License Type<br>SPDX:MIT<br>== Copyright<br>Copyright (c) 2016, Jon Schlinkert.<br>----- (separator)<br>-----<br>== Dependency<br>stdout-stream<br>== License Type<br>SPDX:MIT<br>== Copyright<br>Copyright 2013 Mathias Buus<br>----- (separator)<br>-----<br>== Dependency<br>stream-browserify<br>== License Type<br>SPDX:MIT<br>== Copyright<br>Copyright (c) James Halliday<br>----- (separator)<br>-----<br>== Dependency<br>stream-chopper<br>== License Type<br>SPDX:MIT<br>== Copyright<br>Copyright (c) 2018 Thomas Watson Steen<br>----- (separator)<br>-----<br>== Dependency<br>stream-each<br>== License Type<br>SPDX:MIT<br>== Copyright<br>Copyright (c) 2015 Mathias Buus<br>----- (separator)<br>-----<br>== Dependency<br>stream-http |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (C) John Hiesey and other contributors.<br/>Copyright (c) 2015 John Hiesey<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>stream-shift</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2016 Mathias Buus<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>strict-uri-encode</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) Kevin Martensson<br/>&lt;kevinmartensson@gmail.com&gt; (github.com/kevva)<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>string-similarity</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2018 Akash Kurdekar<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>string-width</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) Sindre Sorhus &lt;sindresorhus@gmail.com&gt;<br/>(sindresorhus.com)<br/>----- (separator)<br/>-----</p> <p>== Dependency</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>string-width</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) Sindre Sorhus &lt;sindresorhus@gmail.com&gt;<br/>(sindresorhus.com)</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>string-width</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) Sindre Sorhus &lt;sindresorhus@gmail.com&gt;<br/>(sindresorhus.com)</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>string.prototype.trimend</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) 2017 Khaled Al-Ansari</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>string.prototype.trimstart</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) 2017 Khaled Al-Ansari</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>string_decoder</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>(no copyright notices found)</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>string_decoder</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>(no copyright notices found)</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>stringify-entities</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) 2015 Titus Wormer<br/>&lt;mailto:tituswormer@gmail.com&gt;</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>strip-ansi</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) Sindre Sorhus &lt;sindresorhus@gmail.com&gt;<br/>(sindresorhus.com)</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>strip-ansi</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) Sindre Sorhus &lt;sindresorhus@gmail.com&gt;<br/>(sindresorhus.com)</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>strip-ansi</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) Sindre Sorhus &lt;sindresorhus@gmail.com&gt;<br/>(sindresorhus.com)</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>strip-bom</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) Sindre Sorhus &lt;sindresorhus@gmail.com&gt;<br/>(sindresorhus.com)</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>strip-final-newline</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) Sindre Sorhus &lt;sindresorhus@gmail.com&gt;<br/>(sindresorhus.com)</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>strip-indent</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) Sindre Sorhus &lt;sindresorhus@gmail.com&gt;<br/>(sindresorhus.com)</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>style-loader</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>(no copyright notices found)</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>style-to-object</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Copyright (c) 2017 Menglin "Mark" Xu<br/>&lt;mark@remarkablemark.org&gt;<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>stylis<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) 2016-present Sultan Tarimo<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>supports-color<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) Sindre Sorhus &lt;sindresorhus@gmail.com&gt;<br/>(sindresorhus.com)<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>supports-color<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) Sindre Sorhus &lt;sindresorhus@gmail.com&gt;<br/>(sindresorhus.com)<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>supports-color<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) Sindre Sorhus &lt;sindresorhus@gmail.com&gt;<br/>(sindresorhus.com)<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>supports-preserve-symlinks-flag<br/>== License Type</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | SPDX:MIT<br>== Copyright<br>Copyright (c) 2022 Inspect JS<br>----- (separator)<br>-----<br>== Dependency<br>symbol-observable<br>== License Type<br>SPDX:MIT<br>== Copyright<br>Copyright (c) Ben Lesh <ben@benlesh.com><br>Copyright (c) Sindre Sorhus <sindresorhus@gmail.com><br>(sindresorhus.com)<br>----- (separator)<br>-----<br>== Dependency<br>tabbable<br>== License Type<br>SPDX:MIT<br>== Copyright<br>Copyright (c) 2015 David Clark<br>----- (separator)<br>-----<br>== Dependency<br>tapable<br>== License Type<br>SPDX:MIT<br>== Copyright<br>Copyright (c) Tobias Koppers @sokra<br>----- (separator)<br>-----<br>== Dependency<br>tapable<br>== License Type<br>SPDX:MIT<br>== Copyright<br>Copyright (c) Tobias Koppers @sokra<br>----- (separator)<br>-----<br>== Dependency<br>tar-fs |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2014 Mathias Buus<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>tar-stream</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2014 Mathias Buus<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>tar</p> <p>== License Type<br/>===ISC-82703a69</p> <p>The ISC License</p> <p>Copyright (c) Isaac Z. Schlueter and Contributors</p> <p>Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.</p> <p>THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.</p> <p>== Copyright<br/>Copyright (c) Isaac Z. Schlueter and Contributors<br/>----- (separator)<br/>-----</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <pre> == Dependency terser-webpack-plugin  == License Type SPDX:MIT  == Copyright (no copyright notices found)  ----- (separator) -----  == Dependency terser-webpack-plugin  == License Type SPDX:MIT  == Copyright (no copyright notices found)  ----- (separator) -----  == Dependency terser  == License Type ===BSD-2-Clause-6ba5f334  UglifyJS is released under the BSD license: Copyright 2012-2018 (c) Mihai Bazon &lt;mihai.bazon@gmail.com&gt;  Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:  * Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.  * Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.  THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDER "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER BE </pre> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>== Copyright<br/>Copyright 2012-2018 (c) Mihai Bazon<br/>&lt;mihai.bazon@gmail.com&gt;<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>text-diff</p> <p>== License Type<br/>SPDX:Apache-2.0</p> <p>== Copyright<br/>Copyright 2006 Google Inc.<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>throttle-debounce</p> <p>== License Type<br/>===GPL-2.0-d6ab5336</p> <p>Copyright (c) Ivan Nikolić &lt;<a href="http://ivannikolic.com">http://ivannikolic.com</a>&gt;<br/>Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>The above copyright notice and this permission notice shall be included in<br/>all copies or substantial portions of the Software.</p> <p>THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.</p> <p>---</p> <p>Copyright (c) 2010 "Cowboy" Ben Alman</p> <p>Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:</p> <p>The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.</p> <p>THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.</p> <p>---</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>GNU GENERAL PUBLIC LICENSE<br/>Version 2, June 1991</p> <p>Copyright (C) 1989, 1991 Free Software Foundation, Inc.<br/>51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA<br/>Everyone is permitted to copy and distribute verbatim copies<br/>of this license document, but changing it is not allowed.</p> <p>Preamble</p> <p>The licenses for most software are designed to take away<br/>your<br/>freedom to share and change it. By contrast, the GNU<br/>General Public<br/>License is intended to guarantee your freedom to share and<br/>change free<br/>software--to make sure the software is free for all its users.<br/>This<br/>General Public License applies to most of the Free Software<br/>Foundation's software and to any other program whose<br/>authors commit to<br/>using it. (Some other Free Software Foundation software is<br/>covered by<br/>the GNU Lesser General Public License instead.) You can<br/>apply it to<br/>your programs, too.</p> <p>When we speak of free software, we are referring to<br/>freedom, not<br/>price. Our General Public Licenses are designed to make<br/>sure that you<br/>have the freedom to distribute copies of free software (and<br/>charge for<br/>this service if you wish), that you receive source code or can<br/>get it<br/>if you want it, that you can change the software or use pieces<br/>of it<br/>in new free programs; and that you know you can do these<br/>things.</p> <p>To protect your rights, we need to make restrictions that<br/>forbid<br/>anyone to deny you these rights or to ask you to surrender<br/>the rights.<br/>These restrictions translate to certain responsibilities for you<br/>if you<br/>distribute copies of the software, or if you modify it.</p> <p>For example, if you distribute copies of such a program,<br/>whether<br/>gratis or for a fee, you must give the recipients all the rights<br/>that</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.</p> <p>We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.</p> <p>Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.</p> <p>Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.</p> <p>The precise terms and conditions for copying, distribution and modification follow.</p> <p>GNU GENERAL PUBLIC LICENSE<br/>TERMS AND CONDITIONS FOR COPYING,<br/>DISTRIBUTION AND MODIFICATION</p> <p>0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law:</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>that is to say, a work containing the Program or a portion of it,<br/>either verbatim or with modifications and/or translated into another<br/>language. (Hereinafter, translation is included without limitation in<br/>the term "modification".) Each licensee is addressed as "you".</p> <p>Activities other than copying, distribution and modification are not<br/>covered by this License; they are outside its scope. The act of<br/>running the Program is not restricted, and the output from the Program<br/>is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program).<br/>Whether that is true depends on what the Program does.</p> <p>1. You may copy and distribute verbatim copies of the Program's<br/>source code as you receive it, in any medium, provided that you<br/>conspicuously and appropriately publish on each copy an appropriate<br/>copyright notice and disclaimer of warranty; keep intact all the<br/>notices that refer to this License and to the absence of any warranty;<br/>and give any other recipients of the Program a copy of this License<br/>along with the Program.</p> <p>You may charge a fee for the physical act of transferring a copy, and<br/>you may at your option offer warranty protection in exchange for a fee.</p> <p>2. You may modify your copy or copies of the Program or any portion<br/>of it, thus forming a work based on the Program, and copy and<br/>distribute such modifications or work under the terms of Section 1<br/>above, provided that you also meet all of these conditions:</p> <p>a) You must cause the modified files to carry prominent notices<br/>stating that you changed the files and the date of any change.</p> <p>b) You must cause any work that you distribute or publish, that in</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.</p> <p>c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)</p> <p>These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.</p> <p>Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.</p> <p>In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>a storage or distribution medium does not bring the other work under the scope of this License.</p> <p>3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:</p> <p>a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,</p> <p>b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,</p> <p>c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)</p> <p>The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>itself accompanies the executable.</p> <p>If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.</p> <p>4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License.</p> <p>However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.</p> <p>5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.</p> <p>6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>You are not responsible for enforcing compliance by third parties to this License.</p> <p>7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.</p> <p>If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.</p> <p>It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.</p> <p>8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.</p> <p>9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.</p> <p>Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.</p> <p>10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>NO WARRANTY</p> <p>11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.</p> <p>12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.</p> <p>== Copyright<br/>           Copyright (C) 1989, 1991 Free Software Foundation, Inc.<br/>           Copyright (c) 2010 "Cowboy" Ben Alman<br/>           Copyright (c) 2010 "Cowboy" Ben Alman (Dual licensed under the MIT and GPL licenses. <a href="http://benalman.com/about/license/">http://benalman.com/about/license/</a>)<br/>           Copyright (c) Ivan Nikolic &lt;<a href="http://ivannikolic.com">http://ivannikolic.com</a>&gt;<br/>           ----- (separator)<br/>           -----</p> <p>== Dependency<br/>           through2-filter</p> <p>== License Type</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) Bryce B. Baril &lt;bryce@ravenwall.com&gt;</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>through2</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) Rod Vagg (the "Original Author") and additional contributors**</p> <p>Copyright (c) Rod Vagg [@rvagg](https://twitter.com/rvagg) and additional contributors and licensed under the MIT license. All rights not explicitly granted in the MIT license are reserved. See the included LICENSE file for more details.</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>through2</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) Rod Vagg (the "Original Author") and additional contributors**</p> <p>Copyright (c) Rod Vagg [@rvagg](https://twitter.com/rvagg) and additional contributors and licensed under the MIT license. All rights not explicitly granted in the MIT license are reserved. See the included LICENSE file for more details.</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>through</p> <p>== License Type</p> <p>SPDX:Apache-2.0</p> <p>== Copyright</p> <p>Copyright (c) 2011 Dominic Tarr</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>timers-browserify</p> <p>== License Type</p> <p>SPDX:MIT</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>== Copyright<br/>Copyright © 2012 J. Ryan Stinnett &lt;jryans@gmail.com&gt;<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>tiny-invariant</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2019 Alexander Reardon<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>tiny-warning</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2019 Alexander Reardon<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>tinycolor2</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2008 Ariel Flesler - aflesler(at)gmail(dot)com  <br/>Copyright 2012 jQuery Foundation and other contributors<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>tinygradient</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2014-2018 Damien Sorel<br/>Copyright 2005, 2012 jQuery Foundation, Inc. and other contributors<br/>Copyright 2012 jQuery Foundation and other contributors<br/>Copyright 2014-2018 Damien "Mistic" Sorel (<a href="http://www.strangeplanet.fr">http://www.strangeplanet.fr</a>)<br/>----- (separator)<br/>-----</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>== Dependency<br/>tinymath</p> <p>== License Type<br/>SPDX:Apache-2.0</p> <p>== Copyright<br/>(no copyright notices found)</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>tmp</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2011-2015 KARASZI Istvan<br/>&lt;github@spam.raszi.hu&gt;<br/>Copyright (c) 2014 KARASZI István</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>to-absolute-glob</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2015-2016, Jon Schlinkert<br/>Copyright © 2016, [Jon Schlinkert](https://github.com/jonschlinkert).</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>to-arraybuffer</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2016 John Hiesey</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>to-fast-properties</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2014 Petka Antonov</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>to-object-path<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) 2015, Jon Schlinkert.<br/>Copyright (c) 2015-2016, Jon Schlinkert.<br/>Copyright © 2015 Jon Schlinkert</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>to-regex-range<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) 2015-present, Jon Schlinkert.<br/>Copyright © 2019, [Jon Schlinkert](https://github.com/jonschlinkert).</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>to-regex-range<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) 2015-present, Jon Schlinkert.<br/>Copyright © 2019, [Jon Schlinkert](https://github.com/jonschlinkert).</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>to-regex<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) 2016-2018, Jon Schlinkert.<br/>Copyright © 2018, [Jon Schlinkert](https://github.com/jonschlinkert).</p> <p>----- (separator)<br/>-----</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>== Dependency<br/>to-source-code</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2016 W.Y.</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>to-through</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2017 Blaine Bublitz<br/>&lt;blaine.bublitz@gmail.com&gt;, Eric Schoffstall &lt;yo@contra.io&gt;<br/>and other contributors</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>topo</p> <p>== License Type<br/>===BSD-3-Clause--modified-by-Google-1831ba90</p> <p>Copyright (c) 2012-2018, Project contributors<br/>Copyright (c) 2012-2014, Walmart<br/>All rights reserved.</p> <p>Redistribution and use in source and binary forms, with or<br/>without<br/>modification, are permitted provided that the following<br/>conditions are met:</p> <p>* Redistributions of source code must retain the above<br/>copyright<br/>notice, this list of conditions and the following disclaimer.</p> <p>* Redistributions in binary form must reproduce the above<br/>copyright<br/>notice, this list of conditions and the following disclaimer in<br/>the<br/>documentation and/or other materials provided with the<br/>distribution.</p> <p>* The names of any contributors may not be used to endorse<br/>or promote<br/>products derived from this software without specific prior<br/>written<br/>permission.</p> <p>THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT<br/>HOLDERS AND CONTRIBUTORS "AS IS" AND</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDERS AND CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>== Copyright<br/>Copyright (c) 2012-2014, Walmart<br/>Copyright (c) 2012-2018, Project contributors<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>tough-cookie</p> <p>== License Type<br/>===BSD-3-Clause-7189377a<br/>Copyright (c) 2015, Salesforce.com, Inc.<br/>All rights reserved.</p> <p>Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:</p> <ol style="list-style-type: none"> <li>1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.</li> <li>2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.</li> <li>3. Neither the name of Salesforce.com nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.</li> </ol> <p>THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>== Copyright<br/>Copyright (c) 2015, Salesforce.com, Inc.<br/>Copyright (c) 2018, Salesforce.com, Inc.<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>tr46</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2016 Sebastian Mayr<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>traceparent</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2015-2018 Elasticsearch BV<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>traverse</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright 2010 James Halliday (mail@substack.net)<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>tree-kill</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <pre> == License Type SPDX:MIT  == Copyright Copyright (c) 2018 Peter Krumins ----- (separator) -----  == Dependency trim-newlines  == License Type SPDX:MIT  == Copyright Copyright (c) Sindre Sorhus &lt;sindresorhus@gmail.com&gt; (sindresorhus.com) ----- (separator) -----  == Dependency trim-trailing-lines  == License Type SPDX:MIT  == Copyright Copyright (c) 2015 Titus Wormer &lt;mailto:tituswormer@gmail.com&gt; ----- (separator) -----  == Dependency trim  == License Type SPDX:MIT  == Copyright Copyright (c) 2012 TJ Holowaychuk &amp;lt;tj@vision- media.ca&gt; ----- (separator) -----  == Dependency trough  == License Type SPDX:MIT  == Copyright Copyright (c) 2016 Titus Wormer &lt;tituswormer@gmail.com&gt; ----- (separator) -----  == Dependency </pre> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | true-case-path<br>== License Type<br>SPDX:Apache-2.0<br>== Copyright<br>(no copyright notices found)<br>----- (separator)<br>-----<br>== Dependency<br>ts-debounce<br>== License Type<br>SPDX:MIT<br>== Copyright<br>Copyright (c) 2017 Jakub Chodorowicz<br>----- (separator)<br>-----<br>== Dependency<br>ts-easing<br>== License Type<br>SPDX:Unlicense<br>== Copyright<br>(no copyright notices found)<br>----- (separator)<br>-----<br>== Dependency<br>tslib<br>== License Type<br>SPDX:BSD-0-Clause<br>== Copyright<br>Copyright (c) Microsoft Corporation.<br>== Notices<br>/*!<br>*****<br>*****<br>Copyright (c) Microsoft Corporation.<br>Permission to use, copy, modify, and/or distribute this<br>software for any<br>purpose with or without fee is hereby granted.<br><br>THE SOFTWARE IS PROVIDED "AS IS" AND THE<br>AUTHOR DISCLAIMS ALL WARRANTIES WITH<br>REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED<br>WARRANTIES OF MERCHANTABILITY<br>AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE<br>LIABLE FOR ANY SPECIAL, DIRECT, |

Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.</p> <p>***** */</p> <p>----- (separator)</p> <p>== Dependency</p> <p>tslib</p> <p>== License Type</p> <p>SPDX:BSD-0-Clause</p> <p>== Copyright</p> <p>Copyright (c) Microsoft Corporation.</p> <p>== Notices</p> <p>/*!</p> <p>*****</p> <p>Copyright (c) Microsoft Corporation.</p> <p>Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted.</p> <p>THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.</p> <p>***** */</p> <p>----- (separator)</p> <p>== Dependency</p> <p>tty-browserify</p> <p>== License Type</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | SPDX:MIT<br>== Copyright<br>(no copyright notices found)<br>----- (separator)<br>-----<br>== Dependency<br>tunnel-agent<br>== License Type<br>SPDX:Apache-2.0<br>== Copyright<br>(no copyright notices found)<br>----- (separator)<br>-----<br>== Dependency<br>tweetnacl<br>== License Type<br>SPDX:Unlicense<br>== Copyright<br>(no copyright notices found)<br>----- (separator)<br>-----<br>== Dependency<br>type-detect<br>== License Type<br>SPDX:MIT<br>== Copyright<br>Copyright (c) 2013 Jake Luer <jake@alogicalparadox.com><br>(http://alogicalparadox.com)<br>----- (separator)<br>-----<br>== Dependency<br>type-fest<br>== License Type<br>SPDX:MIT<br>== Copyright<br>Copyright (c) Sindre Sorhus <sindresorhus@gmail.com><br>(sindresorhus.com)<br>----- (separator)<br>-----<br>== Dependency<br>type-fest<br>== License Type |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | SPDX:MIT<br>== Copyright<br>Copyright (c) Sindre Sorhus <sindresorhus@gmail.com><br>(sindresorhus.com)<br>----- (separator)<br>-----<br>== Dependency<br>type-fest<br>== License Type<br>SPDX:MIT<br>== Copyright<br>Copyright (c) Sindre Sorhus <sindresorhus@gmail.com><br>(sindresorhus.com)<br>----- (separator)<br>-----<br>== Dependency<br>type-fest<br>== License Type<br>SPDX:MIT<br>== Copyright<br>Copyright (c) Sindre Sorhus <sindresorhus@gmail.com><br>(sindresorhus.com)<br>----- (separator)<br>-----<br>== Dependency<br>typedarray<br>== License Type<br>SPDX:MIT<br>== Copyright<br>Copyright (c) 2010, Linden Research, Inc.<br>Copyright (c) 2012, Joshua Bell<br>----- (separator)<br>-----<br>== Dependency<br>typescript<br>== License Type<br>SPDX:Apache-2.0<br>== Copyright<br>Copyright (c) 1991-2017 Unicode, Inc. All rights reserved.<br>Copyright (c) 2018 The Khronos Group Inc.<br>Copyright (c) Microsoft Corporation. All rights reserved.<br>Copyright (c) Microsoft Corporation. All rights reserved. |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <pre> == Notices /*! ***** *****  Copyright (c) Microsoft Corporation. All rights reserved. Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at http://www.apache.org/licenses/LICENSE-2.0  THIS CODE IS PROVIDED ON AN *AS IS* BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION ANY IMPLIED WARRANTIES OR CONDITIONS OF TITLE, FITNESS FOR A PARTICULAR PURPOSE, MERCHANTABILITY OR NON-INFRINGEMENT.  See the Apache Version 2.0 License for specific language governing permissions and limitations under the License. ***** */  ----- (separator) -----  == Dependency uc.micro  == License Type SPDX:MIT  == Copyright (no copyright notices found)  ----- (separator) -----  == Dependency uglify-js  == License Type ===BSD-2-Clause-00b45202  UglifyJS is released under the BSD license: Copyright 2012-2019 (c) Mihai Bazon &lt;mihai.bazon@gmail.com&gt;  Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met: </pre> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.</p> <p>* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.</p> <p>THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDER "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>== Copyright<br/>Copyright 2012 (c) Mihai Bazon &lt;mihai.bazon@gmail.com&gt;<br/>Copyright 2012-2019 (c) Mihai Bazon &lt;mihai.bazon@gmail.com&gt;<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>unbox-primitive</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2019 Jordan Harband<br/>----- (separator)<br/>-----</p> <p>== Dependency</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | unc-path-regex<br>== License Type<br>SPDX:MIT<br>== Copyright<br>Copyright (c) 2015, Jon Schlinkert.<br>Copyright © 2015 Jon Schlinkert<br>----- (separator)<br>-----<br>== Dependency<br>unherit<br>== License Type<br>SPDX:MIT<br>== Copyright<br>Copyright (c) 2015 Titus Wormer <tituswormer@gmail.com><br>----- (separator)<br>-----<br>== Dependency<br>unicode-byte-truncate<br>== License Type<br>SPDX:MIT<br>== Copyright<br>Copyright (c) 2016 Thomas Watson Steen<br>----- (separator)<br>-----<br>== Dependency<br>unicode-canonical-property-names-ecmascript<br>== License Type<br>SPDX:MIT<br>== Copyright<br>(no copyright notices found)<br>----- (separator)<br>-----<br>== Dependency<br>unicode-match-property-ecmascript<br>== License Type<br>SPDX:MIT<br>== Copyright<br>(no copyright notices found)<br>----- (separator)<br>-----<br>== Dependency |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>unicode-match-property-value-ecmascript</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>(no copyright notices found)</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>unicode-property-aliases-ecmascript</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>(no copyright notices found)</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>unicode-substring</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) 2015 Ville Lautanala</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>unified</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) 2015 Titus Wormer &lt;tituswormer@gmail.com&gt;</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>union-value</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) 2015-2017, Jon Schlinkert</p> <p>Copyright © 2017, [Jon Schlinkert](https://github.com/jonschlinkert).</p> <p>----- (separator)</p> <p>-----</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>== Dependency<br/>unique-filename</p> <p>== License Type<br/>===ISC-454d711e</p> <p>Copyright npm, Inc</p> <p>Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.</p> <p>THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.</p> <p>== Copyright<br/>(no copyright notices found)</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>unique-slug</p> <p>== License Type<br/>===ISC-2764032e</p> <p>The ISC License</p> <p>Copyright npm, Inc</p> <p>Permission to use, copy, modify, and/or distribute this software for any<br/>purpose with or without fee is hereby granted, provided that<br/>the above<br/>copyright notice and this permission notice appear in all<br/>copies.</p> <p>THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES<br/>WITH REGARD TO THIS SOFTWARE INCLUDING ALL<br/>IMPLIED WARRANTIES OF<br/>MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL<br/>THE AUTHOR BE LIABLE FOR<br/>ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL<br/>DAMAGES OR ANY DAMAGES<br/>WHATSOEVER RESULTING FROM LOSS OF USE, DATA<br/>OR PROFITS, WHETHER IN AN</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.</p> <p>== Copyright<br/>(no copyright notices found)<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>unique-stream<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright 2014 Eugene Ware<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>unist-builder<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) 2015 Eugene Sharygin<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>unist-util-generated<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) 2016 Titus Wormer &lt;tituswormer@gmail.com&gt;<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>unist-util-is<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) 2015 Titus Wormer &lt;tituswormer@gmail.com&gt;<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>unist-util-is</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2015 Titus Wormer &lt;tituswormer@gmail.com&gt;<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>unist-util-position</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2015 Titus Wormer &lt;tituswormer@gmail.com&gt;<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>unist-util-remove-position</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2016 Titus Wormer &lt;tituswormer@gmail.com&gt;<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>unist-util-stringify-position</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2016 Titus Wormer &lt;tituswormer@gmail.com&gt;<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>unist-util-stringify-position</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2016 Titus Wormer &lt;tituswormer@gmail.com&gt;<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>unist-util-visit-parents</p> <p>== License Type</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | SPDX:MIT<br>== Copyright<br>Copyright (c) 2016 Titus Wormer <tituswormer@gmail.com><br>----- (separator)<br>-----<br>== Dependency<br>unist-util-visit-parents<br>== License Type<br>SPDX:MIT<br>== Copyright<br>Copyright (c) 2016 Titus Wormer <tituswormer@gmail.com><br>----- (separator)<br>-----<br>== Dependency<br>unist-util-visit<br>== License Type<br>SPDX:MIT<br>== Copyright<br>Copyright (c) 2015 Titus Wormer <tituswormer@gmail.com><br>----- (separator)<br>-----<br>== Dependency<br>unist-util-visit<br>== License Type<br>SPDX:MIT<br>== Copyright<br>Copyright (c) 2015 Titus Wormer <tituswormer@gmail.com><br>----- (separator)<br>-----<br>== Dependency<br>unset-value<br>== License Type<br>SPDX:MIT<br>== Copyright<br>Copyright (c) 2015, 2017, Jon Schlinkert<br>Copyright (c) 2015, 2017, Jon Schlinkert.<br>Copyright © 2017, [Jon Schlinkert](https://github.com/jonschlinkert).<br>----- (separator)<br>-----<br>== Dependency<br>upath |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>(no copyright notices found)</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>uri-js</p> <p>== License Type<br/>===BSD-2-Clause-3b55dad4</p> <p>Copyright 2011 Gary Court. All rights reserved.</p> <p>Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:</p> <ol style="list-style-type: none"> <li>1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.</li> <li>2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.</li> </ol> <p>THIS SOFTWARE IS PROVIDED BY GARY COURT "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL GARY COURT OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>The views and conclusions contained in the software and documentation are those of the authors and should not be interpreted as representing official policies, either expressed or implied, of Gary Court.</p> <p>== Copyright<br/>Copyright 2011 Gary Court. All rights reserved.</p> <p>----- (separator)<br/>-----</p> <p>== Dependency</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>urix</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) 2013 Simon Lydell</p> <p>Copyright 2014 Simon Lydell</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>url-loader</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>(no copyright notices found)</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>url-parse</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) 2015 Unshift.io, Arnout Kazemier, the Contributors.</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>url</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) 2002-2008 Kris Kowal &lt;<a href="http://cixar.com/~kris.kowal">http://cixar.com/~kris.kowal</a>&gt;</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>use-memo-one</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) 2019 Alexander Reardon</p> <p>----- (separator)</p> <p>-----</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>== Dependency<br/>use</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2015-2017, Jon Schlinkert.<br/>Copyright (c) 2015-present, Jon Schlinkert.<br/>Copyright © 2018, [Jon Schlinkert](https://github.com/jonschlinkert).</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>util-deprecate</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2014 Nathan Rajlich &lt;nathan@tootallnate.net&gt;</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>util</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>(no copyright notices found)</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>util</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>(no copyright notices found)</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>utility-types</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2016 Piotr Witek</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Copyright (c) 2016 Piotr Witek<br/>&lt;mailto:piotrek.witek@gmail.com&gt; (<a href="http://piotrwitek.github.io">http://piotrwitek.github.io</a>)<br/>Copyright (c) 2016 Piotr Witek &lt;piotrek.witek@gmail.com&gt;<br/>(<a href="http://piotrwitek.github.io">http://piotrwitek.github.io</a>)<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>uuid<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (C) Paul Johnston 1999 - 2009<br/>Copyright (c) 2010-2020 Robert Kieffer and other contributors<br/>Copyright 2011, Sebastian Tschan<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>uuid<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (C) Paul Johnston 1999 - 2009<br/>Copyright (c) 2010-2020 Robert Kieffer and other contributors<br/>Copyright 2011, Sebastian Tschan<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>uuid<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (C) Paul Johnston 1999 - 2009<br/>Copyright (c) 2010-2020 Robert Kieffer and other contributors<br/>Copyright 2011, Sebastian Tschan<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>val-loader<br/>== License Type<br/>SPDX:MIT</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>== Copyright<br/>(no copyright notices found)<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>validate-npm-package-license</p> <p>== License Type<br/>SPDX:Apache-2.0</p> <p>== Copyright<br/>(no copyright notices found)<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>value-equal</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) Michael Jackson 2016-2018<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>value-or-function</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2015 Blaine Bublitz, Eric Schoffstall and other contributors<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>verror</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2016, Joyent, Inc. All rights reserved.<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>vfile-location</p> <p>== License Type<br/>SPDX:MIT</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>== Copyright<br/>Copyright (c) 2016 Titus Wormer &lt;tituswormer@gmail.com&gt;<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>vfile-message<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) 2017 Titus Wormer &lt;tituswormer@gmail.com&gt;<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>vfile-message<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) 2017 Titus Wormer &lt;tituswormer@gmail.com&gt;<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>vfile<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) 2013 James Halliday<br/>Copyright (c) 2015 Titus Wormer &lt;tituswormer@gmail.com&gt;<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>vinyl-fs<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) 2013-2017 Blaine Bublitz<br/>&lt;blaine.bublitz@gmail.com&gt;, Eric Schoffstall &lt;yo@contra.io&gt;<br/>and other contributors<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>vinyl-sourcemap<br/>== License Type</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) 2017 Blaine Bublitz<br/>&lt;blaine.bublitz@gmail.com&gt;, Eric Schoffstall &lt;yo@contra.io&gt;<br/>and other contributors (Based on code from gulp-<br/>sourcemaps - ISC License - Copyright (c) 2014, Florian<br/>Reiterer)</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>vinyl</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) 2013 Blaine Bublitz<br/>&lt;blaine.bublitz@gmail.com&gt;, Eric Schoffstall &lt;yo@contra.io&gt;<br/>and other contributors</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>vm-browserify</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>(no copyright notices found)</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>watchpack</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>(no copyright notices found)</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>watchpack</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>(no copyright notices found)</p> <p>----- (separator)</p> <p>-----</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <pre> == Dependency web-namespaces  == License Type SPDX:MIT  == Copyright Copyright (c) 2016 Titus Wormer &lt;tituswormer@gmail.com&gt;  ----- (separator) -----  == Dependency webidl-conversions  == License Type SPDX:BSD-2-Clause  == Copyright Copyright (c) 2014, Domenic Denicola  ----- (separator) -----  == Dependency webidl-conversions  == License Type SPDX:BSD-2-Clause  == Copyright Copyright (c) 2014, Domenic Denicola  ----- (separator) -----  == Dependency webpack-merge  == License Type SPDX:MIT  == Copyright Copyright (c) 2015 Juho Vepsalainen  ----- (separator) -----  == Dependency webpack-sources  == License Type SPDX:MIT  == Copyright Copyright (c) 2017 JS Foundation and other contributors  ----- (separator) -----  == Dependency </pre> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>webpack</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>(no copyright notices found)</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>whatwg-fetch</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2014-2016 GitHub, Inc.</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>whatwg-url</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2015–2016 Sebastian Mayr</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>whatwg-url</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2015–2016 Sebastian Mayr</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>which-boxed-primitive</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2019 Jordan Harband</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>which-module</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>== License Type<br/>           ===ISC-42624e59</p> <p>Copyright (c) 2016, Contributors</p> <p>Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.</p> <p>THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.</p> <p>== Copyright<br/>           Copyright (c) 2016, Contributors<br/>           ----- (separator)<br/>           -----</p> <p>== Dependency<br/>           which</p> <p>== License Type<br/>           ===ISC-82703a69</p> <p>The ISC License</p> <p>Copyright (c) Isaac Z. Schlueter and Contributors</p> <p>Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.</p> <p>THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.</p> <p>== Copyright<br/>Copyright (c) Isaac Z. Schlueter and Contributors<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>wide-align</p> <p>== License Type<br/>===ISC-9d215c92</p> <p>Copyright (c) 2015, Rebecca Turner &lt;me@re-becca.org&gt;<br/>Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.</p> <p>THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.</p> <p>== Copyright<br/>Copyright (c) 2015, Rebecca Turner &lt;me@re-becca.org&gt;<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>wordwrap</p> <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>(no copyright notices found)</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>worker-farm</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) 2014 LevelUP contributors</p> <p>Copyright (c) 2014 Rod Vagg [@rvagg](https://twitter.com/rvagg) and licensed under the MIT license. All rights not explicitly granted in the MIT license are reserved. See the included LICENSE.md file for more details.</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>wrap-ansi</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) Sindre Sorhus &lt;sindresorhus@gmail.com&gt; (https://sindresorhus.com)</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>wrap-ansi</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) Sindre Sorhus &lt;sindresorhus@gmail.com&gt; (https://sindresorhus.com)</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>wrappy</p> <p>== License Type</p> <p>===ISC-82703a69</p> <p>The ISC License</p> <p>Copyright (c) Isaac Z. Schlueter and Contributors</p> <p>Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>copyright notice and this permission notice appear in all copies.</p> <p>THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.</p> <p>== Copyright<br/>Copyright (c) Isaac Z. Schlueter and Contributors<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>xml2js<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright 2010, 2011, 2012, 2013. All rights reserved.<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>xmlbuilder<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) 2013 Ozgur Ozcitak<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>xtend<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) 2012-2014 Raynos.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>y18n</p> <p>== License Type<br/>===ISC-55e5f880</p> <p>Copyright (c) 2015, Contributors</p> <p>Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.</p> <p>THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.</p> <p>== Copyright<br/>Copyright (c) 2015, Contributors</p> <p>----- (separator)<br/>-----</p> <p>== Dependency<br/>yallist</p> <p>== License Type<br/>===ISC-82703a69</p> <p>The ISC License</p> <p>Copyright (c) Isaac Z. Schlueter and Contributors</p> <p>Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.</p> <p>THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.</p> <p>== Copyright<br/>Copyright (c) Isaac Z. Schlueter and Contributors<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>yallist</p> <p>== License Type<br/>===ISC-82703a69<br/>The ISC License<br/>Copyright (c) Isaac Z. Schlueter and Contributors<br/>Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.</p> <p>THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.</p> <p>== Copyright<br/>Copyright (c) Isaac Z. Schlueter and Contributors<br/>----- (separator)<br/>-----</p> <p>== Dependency</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>yallist</p> <p>== License Type</p> <p>===ISC-82703a69</p> <p>The ISC License</p> <p>Copyright (c) Isaac Z. Schlueter and Contributors</p> <p>Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.</p> <p>THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.</p> <p>== Copyright</p> <p>Copyright (c) Isaac Z. Schlueter and Contributors</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>yaml</p> <p>== License Type</p> <p>===ISC-f43d95a1</p> <p>Copyright 2018 Eemeli Aro &lt;eemeli@gmail.com&gt;</p> <p>Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.</p> <p>THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT,</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.</p> <p>== Copyright<br/>Copyright 2018 Eemeli Aro &lt;eemeli@gmail.com&gt;<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>yargs-parser</p> <p>== License Type<br/>===ISC-8fd10638</p> <p>Copyright (c) 2016, Contributors</p> <p>Permission to use, copy, modify, and/or distribute this software<br/>for any purpose with or without fee is hereby granted,<br/>provided<br/>that the above copyright notice and this permission notice<br/>appear in all copies.</p> <p>THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES<br/>WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES<br/>OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE<br/>LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES<br/>OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS,<br/>WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION,<br/>ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.</p> <p>== Copyright<br/>Copyright (c) 2016, Contributors<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>yargs-parser</p> <p>== License Type<br/>===ISC-8fd10638</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Copyright (c) 2016, Contributors</p> <p>Permission to use, copy, modify, and/or distribute this software<br/>for any purpose with or without fee is hereby granted,<br/>provided<br/>that the above copyright notice and this permission notice<br/>appear in all copies.</p> <p>THE SOFTWARE IS PROVIDED "AS IS" AND THE<br/>AUTHOR DISCLAIMS ALL WARRANTIES<br/>WITH REGARD TO THIS SOFTWARE INCLUDING ALL<br/>IMPLIED WARRANTIES<br/>OF MERCHANTABILITY AND FITNESS. IN NO EVENT<br/>SHALL THE AUTHOR BE<br/>LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR<br/>CONSEQUENTIAL DAMAGES<br/>OR ANY DAMAGES WHATSOEVER RESULTING FROM<br/>LOSS OF USE, DATA OR PROFITS,<br/>WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE<br/>OR OTHER TORTIOUS ACTION,<br/>ARISING OUT OF OR IN CONNECTION WITH THE USE<br/>OR PERFORMANCE OF THIS SOFTWARE.</p> <p>== Copyright<br/>Copyright (c) 2016, Contributors<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>yargs-parser</p> <p>== License Type<br/>===ISC-8fd10638</p> <p>Copyright (c) 2016, Contributors</p> <p>Permission to use, copy, modify, and/or distribute this software<br/>for any purpose with or without fee is hereby granted,<br/>provided<br/>that the above copyright notice and this permission notice<br/>appear in all copies.</p> <p>THE SOFTWARE IS PROVIDED "AS IS" AND THE<br/>AUTHOR DISCLAIMS ALL WARRANTIES<br/>WITH REGARD TO THIS SOFTWARE INCLUDING ALL<br/>IMPLIED WARRANTIES<br/>OF MERCHANTABILITY AND FITNESS. IN NO EVENT<br/>SHALL THE AUTHOR BE<br/>LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR<br/>CONSEQUENTIAL DAMAGES<br/>OR ANY DAMAGES WHATSOEVER RESULTING FROM<br/>LOSS OF USE, DATA OR PROFITS,</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.</p> <p>== Copyright<br/>Copyright (c) 2016, Contributors<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>yargs<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) 2011 Andrei Mackenzie<br/>Copyright (c) Sindre Sorhus &lt;sindresorhus@gmail.com&gt; (sindresorhus.com)<br/>Copyright 2010 James Halliday (mail@substack.net)<br/>Copyright 2014 Contributors (ben@npmjs.com)<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>yargs<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) 2011 Andrei Mackenzie<br/>Copyright (c) Sindre Sorhus &lt;sindresorhus@gmail.com&gt; (sindresorhus.com)<br/>Copyright 2010 James Halliday (mail@substack.net)<br/>Copyright 2014 Contributors (ben@npmjs.com)<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>yauzl<br/>== License Type<br/>SPDX:MIT<br/>== Copyright<br/>Copyright (c) 2014 Josh Wolfe<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>yazl</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>== License Type<br/>SPDX:MIT</p> <p>== Copyright<br/>Copyright (c) 2014 Josh Wolfe<br/>----- (separator)<br/>-----</p> <p>== Dependency<br/>zlib</p> <p>== License Type<br/>===BSD-3-Clause--modified-by-Google-a5e1ebe2</p> <p>Copyright (c) 2011, Konstantin Käfer &lt;kkaefer@gmail.com&gt;<br/>All rights reserved.</p> <p>Redistribution and use in source and binary forms, with or without modification,<br/>are permitted provided that the following conditions are met:</p> <p>* Redistributions of source code must retain the above copyright notice,<br/>this list of conditions and the following disclaimer.</p> <p>* Redistributions in binary form must reproduce the above copyright notice,<br/>this list of conditions and the following disclaimer in the documentation<br/>and/or other materials provided with the distribution.</p> <p>* Neither the name of node-zlib nor the names of its contributors<br/>may be used to endorse or promote products derived from this software<br/>without specific prior written permission.</p> <p>THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND<br/>ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED<br/>WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE<br/>DISCLAIMED. IN NO EVENT SHALL Konstantin Käfer BE LIABLE FOR ANY DIRECT,<br/>INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING,<br/>BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,<br/>DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF<br/>LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE<br/>OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>== Copyright</p> <p>Copyright (c) 2011, Konstantin Käfer &lt;kkaefer@gmail.com&gt;</p> <p>----- (separator)</p> <p>-----</p> <p>== Dependency</p> <p>zwitch</p> <p>== License Type</p> <p>SPDX:MIT</p> <p>== Copyright</p> <p>Copyright (c) 2016 Titus Wormer &lt;tituswormer@gmail.com&gt;</p> <p>----- Licenses</p> <p>-----</p> <p>----- (separator)</p> <p>-----</p> <p>== SPDX:Apache-2.0</p> <p>Apache License</p> <p>Version 2.0, January 2004</p> <p><a href="http://www.apache.org/licenses/">http://www.apache.org/licenses/</a></p> <p>TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION</p> <p>1. Definitions.</p> <p>"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.</p> <p>"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.</p> <p>"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.</p> <p>"You" (or "Your") shall mean an individual or Legal Entity exercising</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>permissions granted by this License.</p> <p>"Source" form shall mean the preferred form for making modifications,<br/>including but not limited to software source code, documentation source, and configuration files.</p> <p>"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.</p> <p>"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).</p> <p>"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.</p> <p>"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."</p> <p>"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.</p> <p>2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.</p> <p>3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.</p> <p>4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:</p> <p>(a) You must give any other recipients of the Work or Derivative Works a copy of this License; and</p> <p>(b) You must cause any modified files to carry prominent notices stating that You changed the files; and</p> <p>(c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and</p> <p>(d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.</p> <p>You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.</p> <p>5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.</p> <p>6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.</p> <p>8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.</p> <p>9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.</p> <p>END OF TERMS AND CONDITIONS</p> <p>APPENDIX: How to apply the Apache License to your work.</p> <p>To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.</p> <p>Copyright [yyyy] [name of copyright owner]</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Licensed under the Apache License, Version 2.0 (the "License");</p> <p>you may not use this file except in compliance with the License.</p> <p>You may obtain a copy of the License at</p> <p><a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Unless required by applicable law or agreed to in writing, software</p> <p>distributed under the License is distributed on an "AS IS" BASIS,</p> <p>WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.</p> <p>See the License for the specific language governing permissions and</p> <p>limitations under the License.</p> <p>----- (separator)</p> <p>== SPDX:BSD-0-Clause</p> <p>Permission to use, copy, modify, and/or distribute this software for any</p> <p>purpose with or without fee is hereby granted.</p> <p>THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.</p> <p>----- (separator)</p> <p>== SPDX:BSD-2-Clause</p> <p>Redistribution and use in source and binary forms, with or without</p> <p>modification, are permitted provided that the following conditions are met:</p> <p>1. Redistributions of source code must retain the above copyright notice, this</p> <p>list of conditions and the following disclaimer.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>2. Redistributions in binary form must reproduce the above copyright notice,<br/>this list of conditions and the following disclaimer in the documentation<br/>and/or other materials provided with the distribution</p> <p>THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS"<br/>AND ANY EXPRESS OR IMPLIED WARRANTIES,<br/>INCLUDING, BUT NOT LIMITED TO, THE<br/>IMPLIED WARRANTIES OF MERCHANTABILITY AND<br/>FITNESS FOR A PARTICULAR PURPOSE ARE<br/>DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT<br/>HOLDER OR CONTRIBUTORS BE LIABLE<br/>FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL,<br/>EXEMPLARY, OR CONSEQUENTIAL<br/>DAMAGES (INCLUDING, BUT NOT LIMITED TO,<br/>PROCUREMENT OF SUBSTITUTE GOODS OR<br/>SERVICES; LOSS OF USE, DATA, OR PROFITS; OR<br/>BUSINESS INTERRUPTION) HOWEVER<br/>CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER<br/>IN CONTRACT, STRICT LIABILITY,<br/>OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)<br/>ARISING IN ANY WAY OUT OF THE USE<br/>OF THIS SOFTWARE, EVEN IF ADVISED OF THE<br/>POSSIBILITY OF SUCH DAMAGE.</p> <p>----- (separator)<br/>-----</p> <p>== SPDX:BSD-3-Clause</p> <p>Redistribution and use in source and binary forms, with or<br/>without modification,<br/>are permitted provided that the following conditions are met:</p> <p>1. Redistributions of source code must retain the above<br/>copyright notice, this<br/>list of conditions and the following disclaimer.</p> <p>2. Redistributions in binary form must reproduce the above<br/>copyright notice,<br/>this list of conditions and the following disclaimer in the<br/>documentation<br/>and/or other materials provided with the distribution.</p> <p>3. Neither the name of the copyright holder nor the names of<br/>its contributors<br/>may be used to endorse or promote products derived from<br/>this software without<br/>specific prior written permission.</p> <p>THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT<br/>HOLDERS AND CONTRIBUTORS "AS IS" AND</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>----- (separator)<br/>-----</p> <p>== SPDX:CC-BY-4.0</p> <p>Attribution 4.0 International</p> <p>=====</p> <p>=====</p> <p>Creative Commons Corporation ("Creative Commons") is not a law firm and does not provide legal services or legal advice. Distribution of Creative Commons public licenses does not create a lawyer-client or other relationship. Creative Commons makes its licenses and related information available on an "as-is" basis. Creative Commons gives no warranties regarding its licenses, any material licensed under their terms and conditions, or any related information. Creative Commons disclaims all liability for damages resulting from their use to the fullest extent possible.</p> <p>Using Creative Commons Public Licenses</p> <p>Creative Commons public licenses provide a standard set of terms and conditions that creators and other rights holders may use to share original works of authorship and other material subject to copyright</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>and certain other rights specified in the public license below. The following considerations are for informational purposes only, are not exhaustive, and do not form part of our licenses.</p> <p>Considerations for licensors: Our public licenses are intended for use by those authorized to give the public permission to use material in ways otherwise restricted by copyright and certain other rights. Our licenses are irrevocable. Licensors should read and understand the terms and conditions of the license they choose before applying it. Licensors should also secure all rights necessary before applying our licenses so that the public can reuse the material as expected. Licensors should clearly mark any material not subject to the license. This includes other CC-licensed material, or material used under an exception or limitation to copyright. More considerations for licensors: <a href="http://wiki.creativecommons.org/Considerations_for_licensors">wiki.creativecommons.org/Considerations_for_licensors</a></p> <p>Considerations for the public: By using one of our public licenses, a licensor grants the public permission to use the licensed material under specified terms and conditions. If the licensor's permission is not necessary for any reason--for example, because of any applicable exception or limitation to copyright--then that use is not regulated by the license. Our licenses grant only permissions under copyright and certain other rights that a licensor has authority to grant. Use of the licensed material may still be restricted for other reasons, including because others have copyright or other rights in the material. A licensor may make special requests, such as asking that all changes be marked or described. Although not required by our licenses, you are encouraged to respect those requests where reasonable. More considerations for the public: <a href="http://wiki.creativecommons.org/Considerations_for_licensees">wiki.creativecommons.org/Considerations_for_licensees</a></p> <p>=====</p> <p>Creative Commons Attribution 4.0 International Public License</p> <p>By exercising the Licensed Rights (defined below), You accept and agree to be bound by the terms and conditions of this Creative Commons Attribution 4.0 International Public License ("Public License"). To the</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>extent this Public License may be interpreted as a contract, You are granted the Licensed Rights in consideration of Your acceptance of these terms and conditions, and the Licensor grants You such rights in consideration of benefits the Licensor receives from making the Licensed Material available under these terms and conditions.</p> <p>Section 1 -- Definitions.</p> <p>a. Adapted Material means material subject to Copyright and Similar Rights that is derived from or based upon the Licensed Material and in which the Licensed Material is translated, altered, arranged, transformed, or otherwise modified in a manner requiring permission under the Copyright and Similar Rights held by the Licensor. For purposes of this Public License, where the Licensed Material is a musical work, performance, or sound recording, Adapted Material is always produced where the Licensed Material is synched in timed relation with a moving image.</p> <p>b. Adapter's License means the license You apply to Your Copyright and Similar Rights in Your contributions to Adapted Material in accordance with the terms and conditions of this Public License.</p> <p>c. Copyright and Similar Rights means copyright and/or similar rights closely related to copyright including, without limitation, performance, broadcast, sound recording, and Sui Generis Database Rights, without regard to how the rights are labeled or categorized. For purposes of this Public License, the rights specified in Section 2(b)(1)-(2) are not Copyright and Similar Rights.</p> <p>d. Effective Technological Measures means those measures that, in the absence of proper authority, may not be circumvented under laws fulfilling obligations under Article 11 of the WIPO Copyright</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Treaty adopted on December 20, 1996, and/or similar international agreements.</p> <p>e. Exceptions and Limitations means fair use, fair dealing, and/or any other exception or limitation to Copyright and Similar Rights that applies to Your use of the Licensed Material.</p> <p>f. Licensed Material means the artistic or literary work, database, or other material to which the Licensor applied this Public License.</p> <p>g. Licensed Rights means the rights granted to You subject to the terms and conditions of this Public License, which are limited to all Copyright and Similar Rights that apply to Your use of the Licensed Material and that the Licensor has authority to license.</p> <p>h. Licensor means the individual(s) or entity(ies) granting rights under this Public License.</p> <p>i. Share means to provide material to the public by any means or process that requires permission under the Licensed Rights, such as reproduction, public display, public performance, distribution, dissemination, communication, or importation, and to make material available to the public including in ways that members of the public may access the material from a place and at a time individually chosen by them.</p> <p>j. Sui Generis Database Rights means rights other than copyright resulting from Directive 96/9/EC of the European Parliament and of the Council of 11 March 1996 on the legal protection of databases, as amended and/or succeeded, as well as other essentially equivalent rights anywhere in the world.</p> <p>k. You means the individual or entity exercising the Licensed Rights under this Public License. Your has a corresponding meaning.</p> <p>Section 2 -- Scope.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>a. License grant.</p> <p>1. Subject to the terms and conditions of this Public License, the Licensor hereby grants You a worldwide, royalty-free, non-sublicensable, non-exclusive, irrevocable license to exercise the Licensed Rights in the Licensed Material to:</p> <p>a. reproduce and Share the Licensed Material, in whole or in part; and</p> <p>b. produce, reproduce, and Share Adapted Material.</p> <p>2. Exceptions and Limitations. For the avoidance of doubt, where Exceptions and Limitations apply to Your use, this Public License does not apply, and You do not need to comply with its terms and conditions.</p> <p>3. Term. The term of this Public License is specified in Section 6(a).</p> <p>4. Media and formats; technical modifications allowed. The Licensor authorizes You to exercise the Licensed Rights in all media and formats whether now known or hereafter created, and to make technical modifications necessary to do so. The Licensor waives and/or agrees not to assert any right or authority to forbid You from making technical modifications necessary to exercise the Licensed Rights, including technical modifications necessary to circumvent Effective Technological Measures. For purposes of this Public License, simply making modifications authorized by this Section 2(a) (4) never produces Adapted Material.</p> <p>5. Downstream recipients.</p> <p>a. Offer from the Licensor -- Licensed Material. Every recipient of the Licensed Material automatically receives an offer from the Licensor to exercise the Licensed Rights under the terms and conditions of this Public License.</p> <p>b. No downstream restrictions. You may not offer or impose any additional or different terms or conditions on, or apply any Effective Technological Measures to, the Licensed Material if doing so restricts exercise of the Licensed Rights by any recipient of the Licensed Material.</p> <p>6. No endorsement. Nothing in this Public License constitutes or</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>may be construed as permission to assert or imply that You are, or that Your use of the Licensed Material is, connected with, or sponsored, endorsed, or granted official status by, the Licensor or others designated to receive attribution as provided in Section 3(a)(1)(A)(i).</p> <p>b. Other rights.</p> <p>1. Moral rights, such as the right of integrity, are not licensed under this Public License, nor are publicity, privacy, and/or other similar personality rights; however, to the extent possible, the Licensor waives and/or agrees not to assert any such rights held by the Licensor to the limited extent necessary to allow You to exercise the Licensed Rights, but not otherwise.</p> <p>2. Patent and trademark rights are not licensed under this Public License.</p> <p>3. To the extent possible, the Licensor waives any right to collect royalties from You for the exercise of the Licensed Rights, whether directly or through a collecting society under any voluntary or waivable statutory or compulsory licensing scheme. In all other cases the Licensor expressly reserves any right to collect such royalties.</p> <p>Section 3 -- License Conditions.</p> <p>Your exercise of the Licensed Rights is expressly made subject to the following conditions.</p> <p>a. Attribution.</p> <p>1. If You Share the Licensed Material (including in modified form), You must:</p> <p>a. retain the following if it is supplied by the Licensor with the Licensed Material:</p> <p>i. identification of the creator(s) of the Licensed Material and any others designated to receive attribution, in any reasonable manner requested by the Licensor (including by pseudonym if designated);</p> <p>ii. a copyright notice;</p> <p>iii. a notice that refers to this Public License;</p> <p>iv. a notice that refers to the disclaimer of warranties;</p> <p>v. a URI or hyperlink to the Licensed Material to the extent reasonably practicable;</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>b. indicate if You modified the Licensed Material and retain an indication of any previous modifications; and</p> <p>c. indicate the Licensed Material is licensed under this Public License, and include the text of, or the URI or hyperlink to, this Public License.</p> <p>2. You may satisfy the conditions in Section 3(a)(1) in any reasonable manner based on the medium, means, and context in which You Share the Licensed Material. For example, it may be reasonable to satisfy the conditions by providing a URI or hyperlink to a resource that includes the required information.</p> <p>3. If requested by the Licensor, You must remove any of the information required by Section 3(a)(1)(A) to the extent reasonably practicable.</p> <p>4. If You Share Adapted Material You produce, the Adapter's License You apply must not prevent recipients of the Adapted Material from complying with this Public License.</p> <p>Section 4 -- Sui Generis Database Rights.</p> <p>Where the Licensed Rights include Sui Generis Database Rights that apply to Your use of the Licensed Material:</p> <p>a. for the avoidance of doubt, Section 2(a)(1) grants You the right to extract, reuse, reproduce, and Share all or a substantial portion of the contents of the database;</p> <p>b. if You include all or a substantial portion of the database contents in a database in which You have Sui Generis Database Rights, then the database in which You have Sui Generis Database Rights (but not its individual contents) is Adapted Material; and</p> <p>c. You must comply with the conditions in Section 3(a) if You Share all or a substantial portion of the contents of the database.</p> <p>For the avoidance of doubt, this Section 4 supplements and does not replace Your obligations under this Public License where the Licensed Rights include other Copyright and Similar Rights.</p> <p>Section 5 -- Disclaimer of Warranties and Limitation of Liability.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>a. UNLESS OTHERWISE SEPARATELY UNDERTAKEN BY THE LICENSOR, TO THE EXTENT POSSIBLE, THE LICENSOR OFFERS THE LICENSED MATERIAL AS-IS AND AS-AVAILABLE, AND MAKES NO REPRESENTATIONS OR WARRANTIES OF ANY KIND CONCERNING THE LICENSED MATERIAL, WHETHER EXPRESS, IMPLIED, STATUTORY, OR OTHER. THIS INCLUDES, WITHOUT LIMITATION, WARRANTIES OF TITLE, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, NON-INFRINGEMENT, ABSENCE OF LATENT OR OTHER DEFECTS, ACCURACY, OR THE PRESENCE OR ABSENCE OF ERRORS, WHETHER OR NOT KNOWN OR DISCOVERABLE. WHERE DISCLAIMERS OF WARRANTIES ARE NOT ALLOWED IN FULL OR IN PART, THIS DISCLAIMER MAY NOT APPLY TO YOU.</p> <p>b. TO THE EXTENT POSSIBLE, IN NO EVENT WILL THE LICENSOR BE LIABLE TO YOU ON ANY LEGAL THEORY (INCLUDING, WITHOUT LIMITATION, NEGLIGENCE) OR OTHERWISE FOR ANY DIRECT, SPECIAL, INDIRECT, INCIDENTAL, CONSEQUENTIAL, PUNITIVE, EXEMPLARY, OR OTHER LOSSES, COSTS, EXPENSES, OR DAMAGES ARISING OUT OF THIS PUBLIC LICENSE OR USE OF THE LICENSED MATERIAL, EVEN IF THE LICENSOR HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH LOSSES, COSTS, EXPENSES, OR DAMAGES. WHERE A LIMITATION OF LIABILITY IS NOT ALLOWED IN FULL OR IN PART, THIS LIMITATION MAY NOT APPLY TO YOU.</p> <p>c. The disclaimer of warranties and limitation of liability provided above shall be interpreted in a manner that, to the extent possible, most closely approximates an absolute disclaimer and waiver of all liability.</p> <p>Section 6 -- Term and Termination.</p> <p>a. This Public License applies for the term of the Copyright and Similar Rights licensed here. However, if You fail to comply with</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>this Public License, then Your rights under this Public License terminate automatically.</p> <p>b. Where Your right to use the Licensed Material has terminated under Section 6(a), it reinstates:</p> <ol style="list-style-type: none"> <li>1. automatically as of the date the violation is cured, provided it is cured within 30 days of Your discovery of the violation; or</li> <li>2. upon express reinstatement by the Licensor.</li> </ol> <p>For the avoidance of doubt, this Section 6(b) does not affect any right the Licensor may have to seek remedies for Your violations of this Public License.</p> <p>c. For the avoidance of doubt, the Licensor may also offer the Licensed Material under separate terms or conditions or stop distributing the Licensed Material at any time; however, doing so will not terminate this Public License.</p> <p>d. Sections 1, 5, 6, 7, and 8 survive termination of this Public License.</p> <p>Section 7 -- Other Terms and Conditions.</p> <p>a. The Licensor shall not be bound by any additional or different terms or conditions communicated by You unless expressly agreed.</p> <p>b. Any arrangements, understandings, or agreements regarding the Licensed Material not stated herein are separate from and independent of the terms and conditions of this Public License.</p> <p>Section 8 -- Interpretation.</p> <p>a. For the avoidance of doubt, this Public License does not, and shall not be interpreted to, reduce, limit, restrict, or impose conditions on any use of the Licensed Material that could lawfully be made without permission under this Public License.</p> <p>b. To the extent possible, if any provision of this Public License is deemed unenforceable, it shall be automatically reformed to the</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>minimum extent necessary to make it enforceable. If the provision cannot be reformed, it shall be severed from this Public License without affecting the enforceability of the remaining terms and conditions.</p> <p>c. No term or condition of this Public License will be waived and no failure to comply consented to unless expressly agreed to by the Licensor.</p> <p>d. Nothing in this Public License constitutes or may be interpreted as a limitation upon, or waiver of, any privileges and immunities that apply to the Licensor or You, including from the legal processes of any jurisdiction or authority.</p> <p>=====</p> <p>Creative Commons is not a party to its public licenses. Notwithstanding, Creative Commons may elect to apply one of its public licenses to material it publishes and in those instances will be considered the "Licensor." The text of the Creative Commons public licenses is dedicated to the public domain under the CC0 Public Domain Dedication. Except for the limited purpose of indicating that material is shared under a Creative Commons public license or as otherwise permitted by the Creative Commons policies published at <a href="http://creativecommons.org/policies">creativecommons.org/policies</a>, Creative Commons does not authorize the use of the trademark "Creative Commons" or any other trademark or logo of Creative Commons without its prior written consent including, without limitation, in connection with any unauthorized modifications to any of its public licenses or any other arrangements, understandings, or agreements concerning use of licensed material. For the avoidance of doubt, this paragraph does not form part of the</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>public licenses.</p> <p>Creative Commons may be contacted at <a href="http://creativecommons.org">creativecommons.org</a>.</p> <p>----- (separator)<br/>-----</p> <p>== SPDX:CC0-1.0</p> <p>Creative Commons CC0 1.0 Universal</p> <p>CREATIVE COMMONS CORPORATION IS NOT A LAW FIRM AND DOES NOT PROVIDE LEGAL SERVICES. DISTRIBUTION OF THIS DOCUMENT DOES NOT CREATE AN ATTORNEY-CLIENT RELATIONSHIP. CREATIVE COMMONS PROVIDES THIS INFORMATION ON AN "AS-IS" BASIS.</p> <p>CREATIVE COMMONS MAKES NO WARRANTIES REGARDING THE USE OF THIS DOCUMENT OR THE INFORMATION OR WORKS PROVIDED HEREUNDER, AND DISCLAIMS LIABILITY FOR DAMAGES RESULTING FROM THE USE OF THIS DOCUMENT OR THE INFORMATION OR WORKS PROVIDED HEREUNDER.</p> <p>Statement of Purpose</p> <p>The laws of most jurisdictions throughout the world automatically confer exclusive Copyright and Related Rights (defined below) upon the creator and subsequent owner(s) (each and all, an "owner") of an original work of authorship and/or a database (each, a "Work").</p> <p>Certain owners wish to permanently relinquish those rights to a Work for the purpose of contributing to a commons of creative, cultural and scientific works ("Commons") that the public can reliably and without fear of later claims of infringement build upon, modify, incorporate in other works, reuse and redistribute as freely as possible in any form whatsoever and for any purposes, including without limitation commercial purposes. These owners may contribute to the Commons to promote the ideal of a free culture and the further production of creative, cultural and scientific works, or to gain reputation or greater distribution for their Work in part through the use and efforts of others.</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>For these and/or other purposes and motivations, and without any expectation of additional consideration or compensation, the person associating CC0 with a Work (the "Affirmer"), to the extent that he or she is an owner of Copyright and Related Rights in the Work, voluntarily elects to apply CC0 to the Work and publicly distribute the Work under its terms, with knowledge of his or her Copyright and Related Rights in the Work and the meaning and intended legal effect of CC0 on those rights.</p> <p>1. Copyright and Related Rights. A Work made available under CC0 may be protected by copyright and related or neighboring rights ("Copyright and Related Rights"). Copyright and Related Rights include, but are not limited to, the following:</p> <ul style="list-style-type: none"> <li>i. the right to reproduce, adapt, distribute, perform, display, communicate, and translate a Work;</li> <li>ii. moral rights retained by the original author(s) and/or performer(s);</li> <li>iii. publicity and privacy rights pertaining to a person's image or likeness depicted in a Work;</li> <li>iv. rights protecting against unfair competition in regards to a Work, subject to the limitations in paragraph 4(a), below;</li> <li>v. rights protecting the extraction, dissemination, use and reuse of data in a Work;</li> <li>vi. database rights (such as those arising under Directive 96/9/EC of the European Parliament and of the Council of 11 March 1996 on the legal protection of databases, and under any national implementation thereof, including any amended or successor version of such directive); and</li> <li>vii. other similar, equivalent or corresponding rights throughout the world based on applicable law or treaty, and any national implementations thereof.</li> </ul> <p>2. Waiver. To the greatest extent permitted by, but not in contravention of, applicable law, Affirmer hereby overtly, fully, permanently, irrevocably and unconditionally waives, abandons, and surrenders all of Affirmer's Copyright</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>and Related Rights and associated claims and causes of action, whether now known or unknown (including existing as well as future claims and causes of action), in the Work (i) in all territories worldwide, (ii) for the maximum duration provided by applicable law or treaty (including future time extensions), (iii) in any current or future medium and for any number of copies, and (iv) for any purpose whatsoever, including without limitation commercial, advertising or promotional purposes (the "Waiver"). Affirmer makes the Waiver for the benefit of each member of the public at large and to the detriment of Affirmer's heirs and successors, fully intending that such Waiver shall not be subject to revocation, rescission, cancellation, termination, or any other legal or equitable action to disrupt the quiet enjoyment of the Work by the public as contemplated by Affirmer's express Statement of Purpose.</p> <p>3. Public License Fallback. Should any part of the Waiver for any reason be judged legally invalid or ineffective under applicable law, then the Waiver shall be preserved to the maximum extent permitted taking into account Affirmer's express Statement of Purpose. In addition, to the extent the Waiver is so judged Affirmer hereby grants to each affected person a royalty-free, non transferable, non sublicensable, non exclusive, irrevocable and unconditional license to exercise Affirmer's Copyright and Related Rights in the Work (i) in all territories worldwide, (ii) for the maximum duration provided by applicable law or treaty (including future time extensions), (iii) in any current or future medium and for any number of copies, and (iv) for any purpose whatsoever, including without limitation commercial, advertising or promotional purposes (the "License"). The License shall be deemed effective as of the date CC0 was applied by Affirmer to the Work. Should any part of the License for any reason be judged legally invalid or ineffective under applicable law, such partial invalidity or ineffectiveness shall not invalidate the remainder of the License, and in such case Affirmer hereby affirms that he or she will not (i) exercise any of his or her remaining Copyright and Related Rights in the Work or (ii) assert any associated claims and causes of action with respect to the Work, in either case contrary to Affirmer's express Statement of Purpose.</p> <p>4. Limitations and Disclaimers.</p> <p>a. No trademark or patent rights held by Affirmer are waived, abandoned, surrendered, licensed or otherwise affected by this document.</p> <p>b. Affirmer offers the Work as-is and makes no representations or warranties of any kind concerning the Work, express, implied, statutory or otherwise, including without limitation warranties of title, merchantability, fitness for</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>a particular purpose, non infringement, or the absence of latent or other defects, accuracy, or the present or absence of errors, whether or not discoverable, all to the greatest extent permissible under applicable law.</p> <p>c. Affirmer disclaims responsibility for clearing rights of other persons that may apply to the Work or any use thereof, including without limitation any person's Copyright and Related Rights in the Work. Further, Affirmer disclaims responsibility for obtaining any necessary consents, permissions or other rights required for any use of the Work.</p> <p>d. Affirmer understands and acknowledges that Creative Commons is not a party to this document and has no duty or obligation with respect to this CC0 or use of the Work.</p> <p>----- (separator)<br/>-----</p> <p>== SPDX:MIT</p> <p>Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:</p> <p>The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.</p> <p>THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM,</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.</p> <p>----- (separator)<br/>-----</p> <p>== SPDX:Unlicense</p> <p>This is free and unencumbered software released into the public domain.</p> <p>Anyone is free to copy, modify, publish, use, compile, sell, or distribute this software, either in source code form or as a compiled binary, for any purpose, commercial or non-commercial, and by any means.</p> <p>In jurisdictions that recognize copyright laws, the author or authors of this software dedicate any and all copyright interest in the software to the public domain. We make this dedication for the benefit of the public at large and to the detriment of our heirs and successors. We intend this dedication to be an overt act of relinquishment in perpetuity of all present and future rights to this software under copyright law.</p> <p>THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.</p> <p>For more information, please refer to &lt;<a href="http://unlicense.org/">http://unlicense.org/</a>&gt;</p> <p>----- (separator)<br/>-----</p> <p>== SPDX:WTFPL</p> <p>DO WHAT THE FUCK YOU WANT TO PUBLIC LICENSE</p> <p>Version 2, December 2004</p> <p>Copyright (C) 2004 Sam Hocevar &lt;<a href="mailto:sam@hocevar.net">sam@hocevar.net</a>&gt;</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Everyone is permitted to copy and distribute verbatim or modified copies of this license document, and changing it is allowed as long as the name is changed.</p> <p>DO WHAT THE FUCK YOU WANT TO PUBLIC LICENSE</p> <p>TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION</p> <p>0. You just DO WHAT THE FUCK YOU WANT TO.</p> <p>=== ATTRIBUTION-HELPER-GENERATED:</p> <p>=== Attribution helper version: {Major:0 Minor:11<br/>GitVersion:0.10.0-89-gbc283ed7-dirty<br/>GitCommit:bc283ed7eb1146bf0bc35abc3312609bb876aaae<br/>GitTreeState:dirty BuildDate:2022-10-31T14:53:10Z<br/>GoVersion:go1.17.8 Compiler:gc Platform:darwin/amd64}</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider                  | Component (s)                      | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|---------------------------|------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| The OpenTelemetry Authors | opentelemetry-exporter-otlp 1.28.0 | <p>io.opentelemetry:opentelemetry-exporter-otlp</p> <p>Copyright The OpenTelemetry Authors<br/> Copyright 2000-2021 JetBrains s.r.o.<br/> Copyright 2019 LINE Corporation<br/> Copyright 2013-2020 The OpenZipkin Authors<br/> Copyright 2015 The gRPC Authors<br/> Copyright Rafael Winterhalter<br/> Copyright (C) 2008 The Guava Authors<br/> Copyright 2019 LINE Corporation<br/> SPDX-License-Identifier: Apache-2.0</p> <p>-----</p> <p>APACHE 2.0 - See <a href="#">Appendix E</a></p> <p>APPENDIX: How to apply the Apache License to your work.</p> <p>To apply the Apache License to your work, attach the following<br/> boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a<br/> file or class name and description of purpose be included on the<br/> same "printed page" as the copyright notice for easier identification within third-party archives.</p> <p>Copyright [yyyy] [name of copyright owner]<br/> Licensed under the Apache License, Version 2.0 (the "License");<br/> you may not use this file except in compliance with the License.<br/> You may obtain a copy of the License at<br/> <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a><br/> Unless required by applicable law or agreed to in writing, software<br/> distributed under the License is distributed on an "AS IS" BASIS,<br/> WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.<br/> See the License for the specific language governing permissions and<br/> limitations under the License.</p> <p>-----</p> <p># LICENSES FOR THIRD-PARTY COMPONENTS</p> <p>=====</p> <p>=====</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Third Party Runtime Dependencies</p> <p>=====</p> <p>io.opentelemetry:opentelemetry-sdk-trace depends on the following technologies/licenses.</p> <ul style="list-style-type: none"> <li>- io.opentelemetry:opentelemetry-api (Apache-2.0)</li> <li>- io.opentelemetry:opentelemetry-sdk-common (Apache-2.0)</li> </ul> <p>-----</p> <p>## io.opentelemetry:opentelemetry-api (Apache-2.0)</p> <p>Copyright The OpenTelemetry Authors</p> <p>SPDX-License-Identifier: Apache-2.0</p> <p>Includes work from:</p> <p>Copyright 2000-2021 JetBrains s.r.o.</p> <p>Copyright (C) 2008 The Guava Authors</p> <p>Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at:</p> <p><a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.</p> <p>io.opentelemetry:opentelemetry-api depends on the following technologies/licenses.</p> <p>A copy of each license is included accordingly.</p> <ul style="list-style-type: none"> <li>- io.opentelemetry:opentelemetry-context (Apache-2.0)</li> </ul> <p>-----</p> <p>#### io.opentelemetry:opentelemetry-context (Apache-2.0)</p> <p>Copyright The OpenTelemetry Authors</p> <p>SPDX-License-Identifier: Apache-2.0</p> <p>Includes work from:</p> <p>Copyright 2013-2020 The OpenZipkin Authors</p> <p>Copyright 2015 The gRPC Authors</p> <p>Copyright Rafael Winterhalter</p> <p>Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>in compliance with the License. You may obtain a copy of the License at</p> <p><a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.</p> <p>-----</p> <p>## io.opentelemetry:opentelemetry-sdk-common (Apache-2.0)</p> <p>Copyright The OpenTelemetry Authors<br/>SPDX-License-Identifier: Apache-2.0</p> <p>Includes work from:</p> <p>Copyright 2019 LINE Corporation</p> <p>LINE Corporation licenses this file to you under the Apache License, version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at:</p> <p><a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.</p> <p>opentelemetry-exporter-otlp-common<br/>io.opentelemetry:opentelemetry-sdk-trace<br/>io.opentelemetry:opentelemetry-sdk<br/>io.opentelemetry:opentelemetry-sdk-common<br/>io.opentelemetry:opentelemetry-sdk-extension-autoconfigure-spi:<br/>io.opentelemetry:opentelemetry-sdk-trace<br/>io.opentelemetry:opentelemetry-sdk-metrics<br/>io.opentelemetry:opentelemetry-sdk-logs<br/>opentelemetry-semconv<br/>opentelemetry-context</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>io.opentelemetry:opentelemetry-sdk-common depends on the following technologies/licenses.<br/>A copy of each license is included accordingly.</p> <p>- io.opentelemetry:opentelemetry-api Apache-2.0)</p> <p>-----</p> <p>##### io.opentelemetry:opentelemetry-api (Apache-2.0)<br/>##### io.opentelemetry:opentelemetry-exporter-otlp-common (Apache-2.0)<br/>##### io.opentelemetry:opentelemetry-exporter-common (Apache-2.0)<br/>##### io.opentelemetry:opentelemetry-api (Apache-2.0)</p> <p>-----</p> <p>##### com.squareup.okhttp3:okhttp (Apache-2.0)<br/>io.opentelemetry:opentelemetry-exporter-sender-okhttp</p> <p>-----</p> <p>Copyright 2019 Square, Inc.</p> <p>Licensed under the Apache License, Version 2.0 (the "License");<br/>you may not use this file except in compliance with the License.</p> <p>You may obtain a copy of the License at<br/><a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Unless required by applicable law or agreed to in writing, software<br/>distributed under the License is distributed on an "AS IS" BASIS,<br/>WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND,<br/>either express or implied.<br/>See the License for the specific language governing permissions and<br/>limitations under the License.</p> <p>/*<br/>* Copyright 2014 The gRPC Authors<br/>*<br/>* Licensed under the Apache License, Version 2.0 (the "License");<br/>* you may not use this file except in compliance with the License.<br/>* You may obtain a copy of the License at<br/>*<br/>* <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a><br/>*</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider                  | Component (s)            | Licensing Information                                                                                                                                                                                                                                                                                                                                                    |
|---------------------------|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                           |                          | <p>* Unless required by applicable law or agreed to in writing, software</p> <p>* distributed under the License is distributed on an "AS IS" BASIS,</p> <p>* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.</p> <p>* See the License for the specific language governing permissions and</p> <p>* limitations under the License.</p> <p>*/</p> |
| The OpenTelemetry Authors | opentelemetry-sdk 1.28.0 |                                                                                                                                                                                                                                                                                                                                                                          |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider     | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|--------------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Square, Inc. | OkHttp 4.2.2  | <p>Copyright 2013 Twitter, Inc. Licensed under the Apache License, Version 2.0 (the "License") APACHE 2.0 - See <a href="#">Appendix E</a></p> <p>Copyright 2016 Square, Inc. Licensed under the Apache License, Version 2.0 (the "License") APACHE 2.0 - See <a href="#">Appendix E</a></p> <p>Copyright (C) 2013 The Android Open Source Project Licensed under the Apache License, Version 2.0 (the "License") APACHE 2.0 - See <a href="#">Appendix E</a></p> <p>Copyright 2016 Google Inc. Licensed under the Apache License, Version 2.0 (the "License") APACHE 2.0 - See <a href="#">Appendix E</a></p> <p>Copyright (C) 2013 Square, Inc.</p> <p>Copyright (C) 2011 The Guava Authors</p> <p>Licensed under the Apache License, Version 2.0 (the "License") APACHE 2.0 - See <a href="#">Appendix E</a></p> <p>Copyright (C) 2012 Square, Inc.</p> <p>Copyright (C) 2012 The Android Open Source Project Licensed under the Apache License, Version 2.0 (the "License") APACHE 2.0 - See <a href="#">Appendix E</a></p> <p>-----</p> <p>TOP-LEVEL LICENSE TEXT for<br/>com.squareup.okhttp3:okhttp:4.2.2</p> <p>Apache License, Version 2.0 - See <a href="#">Appendix E</a></p> <p>-----</p> <p>FOURTH-PARTY DEPENDENCY #1<br/>com.squareup.okio:okio:2.2.2</p> <p>FOURTH-PARTY DEPENDENCY #1 COPYRIGHT NOTICES</p> <p>Copyright (C) 2018 Square, Inc. and others.</p> <p>Licensed under the Apache License, Version 2.0 (the "License");</p> <p>-----</p> <p>FOURTH-PARTY DEPENDENCY #2<br/>org.jetbrains:annotations:13.0</p> <p>FOURTH-PARTY DEPENDENCY #2 COPYRIGHT NOTICES</p> <p>Copyright 2000-2019 JetBrains s.r.o. Use of this source code is governed by the Apache 2.0 license that can be found in the LICENSE file.</p> <p>-----</p> <p>FOURTH-PARTY DEPENDENCY #3<br/>org.jetbrains.kotlin:kotlin-stdlib:1.3.50</p> <p>FOURTH-PARTY DEPENDENCY #4<br/>org.jetbrains.kotlin:kotlin-stdlib-common:1.3.50</p> <p>COMMON COPYRIGHT NOTICES</p> <p>Copyright 2010-2018 JetBrains s.r.o.</p> <p>Licensed under the Apache License, Version 2.0 (the "License"); See <a href="#">Appendix E</a></p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider     | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|--------------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Square, Inc. | OkHttp 4.7.2  | <p>TOP-LEVEL COPYRIGHT NOTICE for com.squareup.okhttp3:okhttp:4.7.2</p> <p>Copyright 2013 Twitter, Inc.</p> <p>Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License.</p> <p>You may obtain a copy of the License at <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.</p> <p>See the License for the specific language governing permissions and limitations under the License.</p> <p>Copyright 2016 Square Inc.</p> <p>Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License.</p> <p>You may obtain a copy of the License at <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.</p> <p>See the License for the specific language governing permissions and limitations under the License.</p> <p>Copyright (C) 2013 The Android Open Source Project</p> <p>Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License.</p> <p>You may obtain a copy of the License at <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.</p> <p>See the License for the specific language governing permissions and limitations under the License.</p> <p>Copyright (C) 2016 Google Inc.</p> <p>You may obtain a copy of the License at <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.</p> <p>See the License for the specific language governing permissions and limitations under the License.</p> <p>Copyright (C) 2013 Square, Inc.</p> <p>Copyright (C) 2011 The Guava Authors</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider     | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|--------------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|              |               | <p>Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License.</p> <p>You may obtain a copy of the License at <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.</p> <p>See the License for the specific language governing permissions and limitations under the License.</p> <p>Copyright (C) 2012 Square, Inc.</p> <p>Copyright (C) 2012 The Android Open Source Project</p> <p>Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License.</p> <p>You may obtain a copy of the License at <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.</p> <p>See the License for the specific language governing permissions and limitations under the License.</p> <p>-----separator-----</p> <p>TOP-LEVEL LICENSE TEXT for<br/>com.squareup.okhttp3:okhttp:4.7.2</p> <p>Apache License, Version 2.0</p> |
| Square, Inc. | OkHttp 4.9.0  | <p>Copyright 2019 Square, Inc. Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a> Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.</p> <p>See the License for the specific language governing permissions and limitations under the License.</p> <p>Licensed under the Apache License, Version 2.0 (the "License"); See <a href="#">Appendix E</a></p> <p>Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a> Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.</p>                                                                                                                                         |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider     | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|--------------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Square, Inc. | OkHttp 4.10.0 | <p>Copyright 2019 Square, Inc.</p> <p>Licensed under the Apache License, Version 2.0 (the "License");<br/>you may not use this file except in compliance with the License.<br/>You may obtain a copy of the License at</p> <p><a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Unless required by applicable law or agreed to in writing, software<br/>distributed under the License is distributed on an "AS IS" BASIS,<br/>WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.<br/>See the License for the specific language governing permissions and<br/>limitations under the License.</p> <p><b>APACHE 2.0 - See <a href="#">Appendix E</a></b></p> <p>4th Party Dependencies<br/>-----<br/>com.squareup.okio<br/>Apache 2.0<br/>Copyright 2019 Square, Inc.</p> <p>Licensed under the Apache License, Version 2.0 (the "License");<br/>you may not use this file except in compliance with the License.<br/>You may obtain a copy of the License at</p> <p><a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Unless required by applicable law or agreed to in writing, software<br/>distributed under the License is distributed on an "AS IS" BASIS,<br/>WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.<br/>See the License for the specific language governing permissions and<br/>limitations under the License.</p> <p>-----<br/>kotlin-stdlib<br/>Apache 2.0</p> <p>Copyright 2010-2020 JetBrains s.r.o. and Kotlin Programming Language contributors.</p> <p>*</p> <p>* Licensed under the Apache License, Version 2.0</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider     | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|--------------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|              |               | <p>(the "License");</p> <p>* you may not use this file except in compliance with the License.</p> <p>* You may obtain a copy of the License at</p> <p>*</p> <p>* <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>*</p> <p>* Unless required by applicable law or agreed to in writing, software</p> <p>* distributed under the License is distributed on an "AS IS" BASIS,</p> <p>* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.</p> <p>* See the License for the specific language governing permissions and</p> <p>* limitations under the License.</p>                                                                                                                                                                                                                       |
| Square, Inc. | Okio 3.4.0    | <p>Copyright (C) 2013 Square, Inc.</p> <p>Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License.</p> <p>You may obtain a copy of the License at <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.</p> <p><a href="https://github.com/square/okio/blob/okio-parent-2.6.0/LICENSE.txt">https://github.com/square/okio/blob/okio-parent-2.6.0/LICENSE.txt</a></p> <p>APACHE 2.0 - See <a href="#">Appendix E</a></p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider          | Component (s)      | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| The Netty Project | netty 4.1.50.Final | <p>APACHE 2.0 - See <a href="#">Appendix E</a></p> <p>===== The Netty Project =====</p> <p>Please visit the Netty web site for more information:<br/>* <a href="https://netty.io/">https://netty.io/</a></p> <p>Copyright 2014 The Netty Project</p> <p>The Netty Project licenses this file to you under the Apache License, version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at:</p> <p><a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.</p> <p>Also, please refer to each LICENSE.&lt;component&gt;.txt file, which is located in the 'license' directory of the distribution file, for the license terms of the components that this product depends on.</p> <p>-----</p> <p>This product contains the extensions to Java Collections Framework which has been derived from the works by JSR-166 EG, Doug Lea, and Jason T. Greene:</p> <p>* LICENSE:</p> <p>* license/LICENSE.jsr166y.txt (Public Domain)</p> <p>The person or persons who have associated work with this document (the "Dedicator" or "Certifier") hereby either (a) certifies that, to the best of his knowledge, the work of authorship identified is in the public domain of the country from which the work is published, or (b) hereby dedicates whatever copyright the dedicators holds in the work of authorship identified below (the "Work") to the public domain. A certifier, moreover, dedicates any copyright interest he may have in the associated work, and for these purposes, is described as a "dedicator" below.</p> <p>A certifier has taken reasonable steps to verify the copyright status of this work. Certifier recognizes that his good faith efforts may not shield him from liability if in fact the work certified is not in the public domain.</p> <p>Dedicator makes this dedication for the benefit of the public at large and to the detriment of the Dedicator's heirs and successors. Dedicator intends this dedication to be an overt act of relinquishment in perpetuity of all present and future rights under copyright law, whether vested or contingent, in the Work. Dedicator understands that such relinquishment of all rights includes the relinquishment of all rights to enforce (by lawsuit or otherwise) those copyrights in the Work.</p> <p>Dedicator recognizes that, once placed in the public domain, the Work may be freely reproduced, distributed, transmitted, used, modified, built upon, or otherwise exploited by anyone for any purpose, commercial or non-commercial, and in any</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>way, including by methods that have not yet been invented or conceived.</p> <p>* HOMEPAGE:</p> <p>* <a href="http://gee.cs.oswego.edu/cgi-bin/viewcvs.cgi/jsr166/">http://gee.cs.oswego.edu/cgi-bin/viewcvs.cgi/jsr166/</a></p> <p>* <a href="http://viewvc.jboss.org/cgi-bin/viewvc.cgi/jboss/cache/experimental/jsr166/">http://viewvc.jboss.org/cgi-bin/viewvc.cgi/jboss/cache/experimental/jsr166/</a></p> <p>This product contains a modified version of Robert Harder's Public Domain Base64 Encoder and Decoder, which can be obtained at:</p> <p>* LICENSE:</p> <p>* <a href="#">license/LICENSE.base64.txt</a> (Public Domain)</p> <p>The person or persons who have associated work with this document (the "Dedicator" or "Certifier") hereby either (a) certifies that, to the best of his knowledge, the work of authorship identified is in the public domain of the country from which the work is published, or (b) hereby dedicates whatever copyright the dedicators holds in the work of authorship identified below (the "Work") to the public domain. A certifier, moreover, dedicates any copyright interest he may have in the associated work, and for these purposes, is described as a "dedicator" below. A certifier has taken reasonable steps to verify the copyright status of this work. Certifier recognizes that his good faith efforts may not shield him from liability if in fact the work certified is not in the public domain.</p> <p>Dedicator makes this dedication for the benefit of the public at large and to the detriment of the Dedicator's heirs and successors. Dedicator intends this dedication to be an overt act of relinquishment in perpetuate of all present and future rights under copyright law, whether vested or contingent, in the Work. Dedicator understands that such relinquishment of all rights includes the relinquishment of all rights to enforce (by lawsuit or otherwise) those copyrights in the Work.</p> <p>Dedicator recognizes that, once placed in the public domain, the Work may be freely reproduced, distributed, transmitted, used, modified, built upon, or otherwise exploited by anyone for any purpose, commercial or non-commercial, and in any way, including by methods that have not yet been invented or conceived.</p> <p>* HOMEPAGE: * <a href="http://iharder.sourceforge.net/current/java/base64/">http://iharder.sourceforge.net/current/java/base64/</a></p> <p>This product contains a modified portion of 'Webbit', an event based WebSocket and HTTP server, which can be obtained at:</p> <p>* LICENSE:</p> <p>* <a href="#">license/LICENSE.webbit.txt</a> (BSD License) (BSD License: <a href="http://www.opensource.org/licenses/bsd-license">http://www.opensource.org/licenses/bsd-license</a>)</p> <p>Copyright (c) 2011, Joe Walnes, Aslak Hellesøy and contributors All rights reserved.</p> <p>See <a href="#">Appendix M</a></p> <p>* HOMEPAGE:</p> <p>* <a href="https://github.com/joewalnes/webbit">https://github.com/joewalnes/webbit</a></p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>This product contains a modified portion of 'SLF4J', a simple logging facade for Java, which can be obtained at:</p> <p>* LICENSE:</p> <p>* license/LICENSE.slf4j.txt (MIT License)</p> <p>/*</p> <p>* Copyright (c) 2004-2007 QOS.ch</p> <p>* All rights reserved.</p> <p>*</p> <p>MIT License See <a href="#">Appendix G</a></p> <p>*/</p> <p>* HOMEPAGE:</p> <p>* <a href="http://www.slf4j.org/">http://www.slf4j.org/</a> This product contains a modified portion of 'Apache Harmony', an open source Java SE, which can be obtained at:</p> <p>* NOTICE:</p> <p>* license/NOTICE.harmony.txt</p> <p>Apache Harmony</p> <p>Copyright 2006, 2010 The Apache Software Foundation.</p> <p>This product includes software developed at</p> <p>The Apache Software Foundation (<a href="http://www.apache.org/">http://www.apache.org/</a>).</p> <p>* LICENSE:</p> <p>* license/LICENSE.harmony.txt (Apache License 2.0)</p> <p>* HOMEPAGE:</p> <p>* <a href="http://archive.apache.org/dist/harmony/">http://archive.apache.org/dist/harmony/</a></p> <p>This product contains a modified portion of 'jzip2', a Java bzip2 compression and decompression library written by Matthew J. Francis. It can be obtained at:</p> <p>* LICENSE:</p> <p>* license/LICENSE.jzip2.txt (MIT License)</p> <p>Copyright (c) 2010-2011 Matthew J. Francis and Contributors of the jzip2 Project</p> <p>MIT License See <a href="#">Appendix G</a></p> <p>* HOMEPAGE:</p> <p>* <a href="https://code.google.com/p/jzip2/">https://code.google.com/p/jzip2/</a></p> <p>This product contains a modified portion of 'libdivsufsort', a C API library to construct the suffix array and the Burrows-Wheeler transformed string for any input string of a constant-size alphabet written by Yuta Mori. It can be obtained at:</p> <p>* LICENSE:</p> <p>* license/LICENSE.libdivsufsort.txt (MIT License)</p> <p>Copyright (c) 2003-2008 Yuta Mori All Rights Reserved.</p> <p>MIT License See <a href="#">Appendix G</a></p> <p>* HOMEPAGE:</p> <p>* <a href="https://github.com/y-256/libdivsufsort">https://github.com/y-256/libdivsufsort</a></p> <p>This product contains a modified portion of Nitsan Wakart's 'JCTools', Java Concurrency Tools for the JVM, which can be obtained at:</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>* LICENSE:</p> <p>* license/LICENSE.jctools.txt (ASL2 License)</p> <p>* HOMEPAGE:</p> <p>* <a href="https://github.com/JCTools/JCTools">https://github.com/JCTools/JCTools</a></p> <p>This product optionally depends on 'JZlib', a re-implementation of zlib in pure Java, which can be obtained at:</p> <p>* LICENSE:</p> <p>* license/LICENSE.jzlib.txt (BSD style License)</p> <p>Copyright (c) 2000,2001,2002,2003,2004 ymnk, JCraft,Inc. All rights reserved.</p> <p>See <a href="#">Appendix M</a></p> <p>* HOMEPAGE:</p> <p>* <a href="http://www.jcraft.com/jzlib/">http://www.jcraft.com/jzlib/</a></p> <p>This product optionally depends on 'Compress-LZF', a Java library for encoding and decoding data in LZF format, written by Tatu Saloranta. It can be obtained at:</p> <p>* LICENSE:</p> <p>* license/LICENSE.compress-lzf.txt (Apache License 2.0)</p> <p>* HOMEPAGE:</p> <p>* <a href="https://github.com/ning/compress">https://github.com/ning/compress</a></p> <p>This product optionally depends on 'lz4', a LZ4 Java compression and decompression library written by Adrien Grand. It can be obtained at: * LICENSE:</p> <p>* license/LICENSE.lz4.txt (Apache License 2.0)</p> <p>* HOMEPAGE:</p> <p>* <a href="https://github.com/jpountz/lz4-java">https://github.com/jpountz/lz4-java</a></p> <p>This product optionally depends on 'lzma-java', a LZMA Java compression and decompression library, which can be obtained at:</p> <p>* LICENSE:</p> <p>* license/LICENSE.lzma-java.txt (Apache License 2.0)</p> <p>* HOMEPAGE:</p> <p>* <a href="https://github.com/jponge/lzma-java">https://github.com/jponge/lzma-java</a></p> <p>This product contains a modified portion of 'jfastlz', a Java port of FastLZ compression and decompression library written by William Kinney. It can be obtained at:</p> <p>* LICENSE:</p> <p>* license/LICENSE.jfastlz.txt (MIT License)</p> <p>The MIT License</p> <p>Copyright (c) 2009 William Kinney</p> <p>MIT License See <a href="#">Appendix G</a></p> <p>* HOMEPAGE:</p> <p>* <a href="https://code.google.com/p/jfastlz/">https://code.google.com/p/jfastlz/</a></p> <p>This product contains a modified portion of and optionally depends on 'Protocol Buffers', Google's data interchange format, which can be obtained at:</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>* LICENSE:</p> <p>* license/LICENSE.protobuf.txt (New BSD License) Protocol Buffers - Google's data interchange format Copyright 2013 Google Inc. All rights reserved. <a href="https://developers.google.com/protocol-buffers/">https://developers.google.com/protocol-buffers/</a></p> <p>See <a href="#">Appendix M</a></p> <p>Code generated by the Protocol Buffer compiler is owned by the owner of the input file used when generating it. This code is not standalone and requires a support library to be linked with it. This support library is itself covered by the above license.</p> <p>* HOMEPAGE:</p> <p>* <a href="https://github.com/google/protobuf">https://github.com/google/protobuf</a> This product optionally depends on 'Bouncy Castle Crypto APIs' to generate a temporary self-signed X.509 certificate when the JVM does not provide the equivalent functionality. It can be obtained at:</p> <p>* LICENSE:</p> <p>* license/LICENSE.bouncycastle.txt (MIT License)</p> <p>The MIT License (MIT)</p> <p>Copyright (c) 2000 - 2013 The Legion of the Bouncy Castle Inc.</p> <p>(<a href="http://www.bouncycastle.org">http://www.bouncycastle.org</a>)</p> <p>MIT License See <a href="#">Appendix G</a></p> <p>* HOMEPAGE:</p> <p>* <a href="http://www.bouncycastle.org/">http://www.bouncycastle.org/</a></p> <p>This product optionally depends on 'Snappy', a compression library produced by Google Inc, which can be obtained at:</p> <p>* LICENSE:</p> <p>* license/LICENSE.snappy.txt (New BSD License)</p> <p>Copyright 2011, Google Inc.</p> <p>All rights reserved.</p> <p>See <a href="#">Appendix M</a></p> <p>* HOMEPAGE:</p> <p>* <a href="https://github.com/google/snappy">https://github.com/google/snappy</a></p> <p>This product optionally depends on 'JBoss Marshalling', an alternative Java serialization API, which can be obtained at:</p> <p>* LICENSE:</p> <p>* license/LICENSE.jboss-marshalling.txt (Apache License 2.0)</p> <p>* HOMEPAGE:</p> <p>* <a href="https://github.com/jboss-remoting/jboss-marshalling">https://github.com/jboss-remoting/jboss-marshalling</a></p> <p>This product optionally depends on 'Caliper', Google's micro-benchmarking framework, which can be obtained at: *</p> <p>LICENSE: * license/LICENSE.caliper.txt (Apache License 2.0)</p> <p>* HOMEPAGE:</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>* <a href="https://github.com/google/caliper">https://github.com/google/caliper</a> This product optionally depends on 'Apache Commons Logging', a logging framework, which can be obtained at:</p> <p>* LICENSE:</p> <p>* <a href="#">license/LICENSE.common-loggng.txt</a> (Apache License 2.0)</p> <p>* HOMEPAGE:</p> <p>* <a href="http://commons.apache.org/logging/">http://commons.apache.org/logging/</a></p> <p>This product optionally depends on 'Apache Log4J', a logging framework, which can be obtained at:</p> <p>* LICENSE:</p> <p>* <a href="#">license/LICENSE.log4j.txt</a> (Apache License 2.0)</p> <p>* HOMEPAGE:</p> <p>* <a href="http://logging.apache.org/log4j/">http://logging.apache.org/log4j/</a></p> <p>This product optionally depends on 'Aalto XML', an ultra-high performance non-blocking XML processor, which can be obtained at:</p> <p>* LICENSE:</p> <p>* <a href="#">license/LICENSE.aalto-xml.txt</a> (Apache License 2.0)</p> <p>* HOMEPAGE:</p> <p>* <a href="http://wiki.fasterxml.com/AaltoHome">http://wiki.fasterxml.com/AaltoHome</a></p> <p>This product contains a modified version of 'HPACK', a Java implementation of the HTTP/2 HPACK algorithm written by Twitter. It can be obtained at:</p> <p>* LICENSE:</p> <p>* <a href="#">license/LICENSE.hpack.txt</a> (Apache License 2.0)</p> <p>* HOMEPAGE:</p> <p>* <a href="https://github.com/twitter/hpack">https://github.com/twitter/hpack</a></p> <p>This product contains a modified version of 'HPACK', a Java implementation of the HTTP/2 HPACK algorithm written by Cory Benfield. It can be obtained at:</p> <p>* LICENSE:</p> <p>* <a href="#">license/LICENSE.hyper-hpack.txt</a> (MIT License)</p> <p>The MIT License (MIT)</p> <p>Copyright (c) 2014 Cory Benfield</p> <p>MIT License See <a href="#">Appendix G</a></p> <p>* HOMEPAGE:</p> <p>* <a href="https://github.com/python-hyper/hpack/">https://github.com/python-hyper/hpack/</a></p> <p>This product contains a modified version of 'HPACK', a Java implementation of the HTTP/2 HPACK algorithm written by Tatsuhiro Tsujikawa. It can be obtained at:</p> <p>* LICENSE:</p> <p>* <a href="#">license/LICENSE.nghttp2-hpack.txt</a> (MIT License)</p> <p>The MIT License</p> <p>Copyright (c) 2012, 2014, 2015, 2016 Tatsuhiro Tsujikawa</p> <p>Copyright (c) 2012, 2014, 2015, 2016 nghttp2 contributors</p> <p>MIT License See <a href="#">Appendix G</a></p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>* HOMEPAGE:</p> <p>* <a href="https://github.com/nghttp2/nghttp2/">https://github.com/nghttp2/nghttp2/</a> This product contains a modified portion of 'Apache Commons Lang', a Java library provides utilities for the java.lang API, which can be obtained at:</p> <p>* LICENSE:</p> <p>* <a href="#">license/LICENSE.commons-lang.txt</a> (Apache License 2.0)</p> <p>* HOMEPAGE:</p> <p>* <a href="https://commons.apache.org/proper/commons-lang/">https://commons.apache.org/proper/commons-lang/</a></p> <p>This product contains the Maven wrapper scripts from 'Maven Wrapper', that provides an easy way to ensure a user has everything necessary to run the Maven build.</p> <p>* LICENSE:</p> <p>* <a href="#">license/LICENSE.mvn-wrapper.txt</a> (Apache License 2.0)</p> <p>* HOMEPAGE:</p> <p>* <a href="https://github.com/takari/maven-wrapper">https://github.com/takari/maven-wrapper</a></p> <p>This product contains the dnsinfo.h header file, that provides a way to retrieve the system DNS configuration on MacOS. This private header is also used by Apple's open source mDNSResponder (<a href="https://opensource.apple.com/tarballs/mDNSResponder/">https://opensource.apple.com/tarballs/mDNSResponder/</a>).</p> <p>* LICENSE:</p> <p>* <a href="#">license/LICENSE.dnsinfo.txt</a> (Apache License 2.0)</p> <p>* HOMEPAGE:</p> <p>* <a href="http://www.opensource.apple.com/source/configd/configd-453.19/dnsinfo/dnsinfo.h">http://www.opensource.apple.com/source/configd/configd-453.19/dnsinfo/dnsinfo.h</a></p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider          | Component (s)      | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-------------------|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| The Netty Project | netty 4.1.63.Final | <p>Netty (io.netty.netty-*) Copyright 2012,2021 The Netty Project Copyright 2014 Twitter, Inc. Copyright (c) 2011, Joe Walnes and contributors Copyright (c) 2008-2009 Bjoern Hoehrmann Copyright (c) 2004-2011 QOS.ch</p> <p>-----</p> <p>APACHE 2.0 - See <a href="#">Appendix E</a></p> <p>----- The Netty Project</p> <p>===== Please visit the Netty web site for more information: * <a href="https://netty.io/">https://netty.io/</a> Copyright 2014 The Netty Project The Netty Project licenses this file to you under the Apache License, version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at: <a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a> Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License. Also, please refer to each LICENSE..txt file, which is located in the 'license' directory of the distribution file, for the license terms of the components that this product depends on.</p> <p>-----</p> <p>This product contains the extensions to Java Collections Framework which has been derived from the works by JSR-166 EG, Doug Lea, and Jason T. Greene: * LICENSE: * <a href="#">license/LICENSE.jsr166y.txt</a> (Public Domain) The person or persons who have associated work with this document (the "Dedicator" or "Certifier") hereby either (a) certifies that, to the best of his knowledge, the work of authorship identified is in the public domain of the country from which the work is published, or (b) hereby dedicates whatever copyright the dedicators holds in the work of authorship identified below (the "Work") to the public domain. A certifier, moreover, dedicates any copyright interest he may have in the associated work, and for these purposes, is described as a "dedicator" below. A certifier has taken reasonable steps to verify the copyright status of this work. Certifier recognizes that his good faith efforts may not shield him from liability if in fact the work certified is not in the public domain. Dedicator makes this dedication for the benefit of the public at large and to the detriment of the Dedicator's heirs and successors. Dedicator intends this dedication to be an overt act of relinquishment in perpetuity of all present and future rights under copyright law, whether vested or contingent, in the Work. Dedicator understands that such relinquishment of all rights includes the relinquishment of all rights to enforce (by lawsuit or otherwise) those copyrights in the Work. Dedicator recognizes that, once placed in the public domain, the Work may be freely reproduced, distributed, transmitted, used, modified, built upon, or otherwise exploited by anyone for any purpose, commercial or non-commercial, and in any way, including by methods that have not yet been invented or conceived. * HOMEPAGE: * <a href="http://gee.cs.oswego.edu/cgi-bin/viewcvs.cgi/jsr166/">http://gee.cs.oswego.edu/cgi-bin/viewcvs.cgi/jsr166/</a> * <a href="http://viewvc.jboss.org/cgi-bin/viewvc.cgi/jboss/cache/experimental/jsr166/">http://viewvc.jboss.org/cgi-bin/viewvc.cgi/jboss/cache/experimental/jsr166/</a> This product contains a modified version of Robert Harder's Public</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Domain Base64 Encoder and Decoder, which can be obtained at: * LICENSE: * license/LICENSE.base64.txt (Public Domain) The person or persons who have associated work with this document (the "Dedicator" or "Certifier") hereby either (a) certifies that, to the best of his knowledge, the work of authorship identified is in the public domain of the country from which the work is published, or (b) hereby dedicates whatever copyright the dedicators holds in the work of authorship identified below (the "Work") to the public domain. A certifier, moreover, dedicates any copyright interest he may have in the associated work, and for these purposes, is described as a "dedicator" below. A certifier has taken reasonable steps to verify the copyright status of this work. Certifier recognizes that his good faith efforts may not shield him from liability if in fact the work certified is not in the public domain. Dedicator makes this dedication for the benefit of the public at large and to the detriment of the Dedicator's heirs and successors. Dedicator intends this dedication to be an overt act of relinquishment in perpetuity of all present and future rights under copyright law, whether vested or contingent, in the Work. Dedicator understands that such relinquishment of all rights includes the relinquishment of all rights to enforce (by lawsuit or otherwise) those copyrights in the Work. Dedicator recognizes that, once placed in the public domain, the Work may be freely reproduced, distributed, transmitted, used, modified, built upon, or otherwise exploited by anyone for any purpose, commercial or non-commercial, and in any way, including by methods that have not yet been invented or conceived. * HOMEPAGE: * <a href="http://iharder.sourceforge.net/current/java/base64/">http://iharder.sourceforge.net/current/java/base64/</a> This product contains a modified portion of 'Webbit', an event based WebSocket and HTTP server, which can be obtained at: * LICENSE: * license/LICENSE.webbit.txt (BSD License) (BSD License: <a href="https://www.opensource.org/licenses/bsd-license">https://www.opensource.org/licenses/bsd-license</a>) Copyright (c) 2011, Joe Walnes, Aslak Hellesøy and contributors All rights reserved.</p> <p>See <a href="#">Appendix M</a></p> <p>* HOMEPAGE: * <a href="https://github.com/joewalnes/webbit">https://github.com/joewalnes/webbit</a> This product contains a modified portion of 'SLF4J', a simple logging facade for Java, which can be obtained at: * LICENSE: * license/LICENSE.slf4j.txt (MIT License) /* * Copyright (c) 2004-2007 QOS.ch * All rights reserved. * * MIT License See <a href="#">Appendix G</a></p> <p>*/ * HOMEPAGE: * <a href="https://www.slf4j.org/">https://www.slf4j.org/</a> This product contains a modified portion of 'Apache Harmony', an open source Java SE, which can be obtained at: * NOTICE: * license/NOTICE.harmony.txt Apache Harmony Copyright 2006, 2010 The Apache Software Foundation. This product includes software developed at The Apache Software Foundation (<a href="https://www.apache.org/">https://www.apache.org/</a>). * LICENSE: * license/LICENSE.harmony.txt (Apache License 2.0) * HOMEPAGE: * <a href="https://archive.apache.org/dist/harmony/">https://archive.apache.org/dist/harmony/</a> This product contains a modified portion of 'jzip2', a Java bzip2 compression and decompression library written by Matthew J. Francis. It can be obtained at: * LICENSE: * license/</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>LICENSE.jbzip2.txt (MIT License) Copyright (c) 2010-2011 Matthew J. Francis and Contributors of the jbzip2 Project MIT License See <a href="#">Appendix G</a></p> <p>* HOMEPAGE: * <a href="https://code.google.com/p/jbzip2/">https://code.google.com/p/jbzip2/</a> This product contains a modified portion of 'libdivsufsort', a C API library to construct the suffix array and the Burrows-Wheeler transformed string for any input string of a constant-size alphabet written by Yuta Mori. It can be obtained at: * LICENSE: * license/LICENSE.libdivsufsort.txt (MIT License) Copyright (c) 2003-2008 Yuta Mori All Rights Reserved. MIT License See <a href="#">Appendix G</a></p> <p>* HOMEPAGE: * <a href="https://github.com/y-256/libdivsufsort">https://github.com/y-256/libdivsufsort</a> This product contains a modified portion of Nitsan Wakart's 'JCTools', Java Concurrency Tools for the JVM, which can be obtained at: * LICENSE: * license/LICENSE.jctools.txt (ASL2 License) * HOMEPAGE: * <a href="https://github.com/JCTools/JCTools">https://github.com/JCTools/JCTools</a> This product optionally depends on 'JZlib', a re-implementation of zlib in pure Java, which can be obtained at: * LICENSE: * license/LICENSE.jzlib.txt (BSD style License) Copyright (c) 2000,2001,2002,2003,2004 ymnk, JCraft,Inc. All rights reserved. See <a href="#">Appendix M</a></p> <p>* HOMEPAGE: * <a href="http://www.jcraft.com/jzlib/">http://www.jcraft.com/jzlib/</a> This product optionally depends on 'Compress-LZF', a Java library for encoding and decoding data in LZF format, written by Tatu Saloranta. It can be obtained at: * LICENSE: * license/LICENSE.compress-lzf.txt (Apache License 2.0) Copyright 2009-2010 Ning, Inc. Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at <a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a> Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS,WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License. * HOMEPAGE: * <a href="https://github.com/ning/compress">https://github.com/ning/compress</a> This product optionally depends on 'lz4', a LZ4 Java compression and decompression library written by Adrien Grand. It can be obtained at: * LICENSE: * license/LICENSE.lz4.txt (Apache License 2.0) * HOMEPAGE: * <a href="https://github.com/jpountz/lz4-java">https://github.com/jpountz/lz4-java</a> This product optionally depends on 'lzma-java', a LZMA Java compression and decompression library, which can be obtained at: * LICENSE: * license/LICENSE.lzma-java.txt (Apache License 2.0) * HOMEPAGE: * <a href="https://github.com/jponge/lzma-java">https://github.com/jponge/lzma-java</a> This product contains a modified portion of 'jfastlz', a Java port of FastLZ compression and decompression library written by William Kinney. It can be obtained at: * LICENSE: * license/LICENSE.jfastlz.txt (MIT License) The MIT License Copyright (c) 2009 William Kinney MIT License See <a href="#">Appendix G</a></p> <p>* HOMEPAGE: * <a href="https://code.google.com/p/jfastlz/">https://code.google.com/p/jfastlz/</a> This product contains a modified portion of and optionally depends on 'Protocol Buffers', Google's data interchange format, which can be obtained at: * LICENSE: * license/</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>LICENSE.protobuf.txt (New BSD License) Protocol Buffers - Google's data interchange format Copyright 2013 Google Inc. All rights reserved. <a href="https://developers.google.com/protocol-buffers/">https://developers.google.com/protocol-buffers/</a><br/>See <a href="#">Appendix M</a></p> <p>Code generated by the Protocol Buffer compiler is owned by the owner of the input file used when generating it. This code is not standalone and requires a support library to be linked with it. This support library is itself covered by the above license. * HOMEPAGE: * <a href="https://github.com/google/protobuf">https://github.com/google/protobuf</a></p> <p>This product optionally depends on 'Bouncy Castle Crypto APIs' to generate a temporary self-signed X.509 certificate when the JVM does not provide the equivalent functionality. It can be obtained at: * LICENSE: * license/LICENSE.bouncycastle.txt (MIT License) The MIT License (MIT) Copyright (c) 2000 - 2013 The Legion of the Bouncy Castle Inc. (<a href="https://www.bouncycastle.org">https://www.bouncycastle.org</a>) MIT License See <a href="#">Appendix G</a></p> <p>* HOMEPAGE: * <a href="https://www.bouncycastle.org/">https://www.bouncycastle.org/</a> This product optionally depends on 'Snappy', a compression library produced by Google Inc, which can be obtained at: * LICENSE: * license/LICENSE.snappy.txt (New BSD License) Copyright 2011, Google Inc. All rights reserved. See <a href="#">Appendix M</a></p> <p>. * HOMEPAGE: * <a href="https://github.com/google/snappy">https://github.com/google/snappy</a> This product optionally depends on 'JBoss Marshalling', an alternative Java serialization API, which can be obtained at: * LICENSE: * license/LICENSE.jboss-marshalling.txt (Apache License 2.0) * HOMEPAGE: * <a href="https://github.com/jboss-remoting/jboss-marshalling">https://github.com/jboss-remoting/jboss-marshalling</a> This product optionally depends on 'Caliper', Google's micro- benchmarking framework, which can be obtained at: * LICENSE: * license/LICENSE.caliper.txt (Apache License 2.0) * HOMEPAGE: * <a href="https://github.com/google/caliper">https://github.com/google/caliper</a> This product optionally depends on 'Apache Commons Logging', a logging framework, which can be obtained at: * LICENSE: * license/LICENSE.commons-logging.txt (Apache License 2.0) * HOMEPAGE: * <a href="https://commons.apache.org/logging/">https://commons.apache.org/logging/</a> This product optionally depends on 'Apache Log4J', a logging framework, which can be obtained at: * LICENSE: * license/LICENSE.log4j.txt (Apache License 2.0) * HOMEPAGE: * <a href="https://logging.apache.org/log4j/">https://logging.apache.org/log4j/</a> This product optionally depends on 'Aalto XML', an ultra-high performance non-blocking XML processor, which can be obtained at: * LICENSE: * license/LICENSE.aalto-xml.txt (Apache License 2.0) This copy of Aalto XML processor is licensed under the Apache (Software) License, version 2.0 ("the License"). See the License for details about distribution rights, and the specific rights regarding derivate works. You may obtain a copy of the License at: <a href="https://www.apache.org/licenses/">https://www.apache.org/licenses/</a> A copy is also included with both the the downloadable source code package and jar that contains class bytecodes, as file "ASL 2.0". In both cases, that file should be located next to this file: in source distribution the location should be "release-notes/asl"; and in jar "META-INF/" * HOMEPAGE: * <a href="http://wiki.fasterxml.com/AaltoHome">http://wiki.fasterxml.com/AaltoHome</a> This product contains a modified version of 'HPACK', a Java implementation of the</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>HTTP/2 HPACK algorithm written by Twitter. It can be obtained at: * LICENSE: * license/LICENSE.hpack.txt (Apache License 2.0) * HOMEPAGE: * <a href="https://github.com/twitter/hpack">https://github.com/twitter/hpack</a> This product contains a modified version of 'HPACK', a Java implementation of the HTTP/2 HPACK algorithm written by Cory Benfield. It can be obtained at: * LICENSE: * license/LICENSE.hyper-hpack.txt (MIT License) The MIT License (MIT) Copyright (c) 2014 Cory Benfield MIT License See <a href="#">Appendix G</a></p> <p>* HOMEPAGE: * <a href="https://github.com/python-hyper/hpack/">https://github.com/python-hyper/hpack/</a> This product contains a modified version of 'HPACK', a Java implementation of the HTTP/2 HPACK algorithm written by Tatsuhiro Tsujikawa. It can be obtained at: * LICENSE: * license/LICENSE.nghttp2-hpack.txt (MIT License) The MIT License Copyright (c) 2012, 2014, 2015, 2016 Tatsuhiro Tsujikawa Copyright (c) 2012, 2014, 2015, 2016 nghttp2 contributors MIT License See <a href="#">Appendix G</a></p> <p>* HOMEPAGE: * <a href="https://github.com/nghttp2/nghttp2/">https://github.com/nghttp2/nghttp2/</a> This product contains a modified portion of 'Apache Commons Lang', a Java library provides utilities for the java.lang API, which can be obtained at: * LICENSE: * license/LICENSE.commons-lang.txt (Apache License 2.0) * HOMEPAGE: * <a href="https://commons.apache.org/proper/commons-lang/">https://commons.apache.org/proper/commons-lang/</a> This product contains the Maven wrapper scripts from 'Maven Wrapper', that provides an easy way to ensure a user has everything necessary to run the Maven build. * LICENSE: * license/LICENSE.mvn-wrapper.txt (Apache License 2.0) * HOMEPAGE: * <a href="https://github.com/takari/maven-wrapper">https://github.com/takari/maven-wrapper</a> This product contains the dnsinfo.h header file, that provides a way to retrieve the system DNS configuration on MacOS. This private header is also used by Apple's open source mDNSResponder (<a href="https://opensource.apple.com/tarballs/mDNSResponder/">https://opensource.apple.com/tarballs/mDNSResponder/</a>). * LICENSE: * license/LICENSE.dnsinfo.txt (Apple Public Source License 2.0) /* * Copyright (c) 2004-2006, 2008, 2009, 2011 Apple Inc. All rights reserved. * * @APPLE_LICENSE_HEADER_START@ * * This file contains Original Code and/or Modifications of Original Code * as defined in and that are subject to the Apple Public Source License * Version 2.0 (the 'License'). You may not use this file except in * compliance with the License. Please obtain a copy of the License at * <a href="https://www.opensource.apple.com/apsl/">https://www.opensource.apple.com/apsl/</a> and read it before using this * file. * * The Original Code and all software distributed under the License are * distributed on an 'AS IS' basis, WITHOUT WARRANTY OF ANY KIND, EITHER * EXPRESS OR IMPLIED, AND APPLE HEREBY DISCLAIMS ALL SUCH WARRANTIES, * INCLUDING WITHOUT LIMITATION, ANY WARRANTIES OF MERCHANTABILITY, * FITNESS FOR A PARTICULAR PURPOSE, QUIET ENJOYMENT OR NON-INFRINGEMENT. * Please see the License for the specific language governing rights and * limitations under the License. * * @APPLE_LICENSE_HEADER_END@ */ * HOMEPAGE: *</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider            | Component (s)                           | Licensing Information                                                                                                                                                                                                                                                                                                                                                                  |
|---------------------|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                     |                                         | <a href="https://www.opensource.apple.com/source/configd/configd-453.19/dnsinfo/dnsinfo.h">https://www.opensource.apple.com/source/configd/configd-453.19/dnsinfo/dnsinfo.h</a>                                                                                                                                                                                                        |
| NumPy Developers    | NumPy 1.26.0                            | Copyright (c) 2005–2021, NumPy Developers.<br>All rights reserved.<br><br>See <a href="#">Appendix M</a>                                                                                                                                                                                                                                                                               |
| NumPy Developers    | NumPy 1.19.0                            | Copyright (c) 2005–2020, NumPy Developers.<br>All rights reserved.<br><br>See <a href="#">Appendix M</a>                                                                                                                                                                                                                                                                               |
| Opentracing.io      | OpenTracing API for Java 0.33.0         | opentracing-util: 0.33.0, Apache 2.0<br>opentracing-mock: 0.33.0, Apache 2.0<br>opentracing-api: 0.33.0, Apache 2.0<br>opentracing-noop: 0.33.0, Apache 2.0<br>Copyright 2016-2019 The OpenTracing Authors<br>-----<br>APACHE 2.0 - See <a href="#">Appendix E</a>                                                                                                                     |
| opentracing-contrib | OpenTracing Spring Jaeger Starter 0.1.4 | APACHE 2.0 - See <a href="#">Appendix E</a> 4 <sup>th</sup> -party dependencies: jaeger-core v0.27.0 opentracing-api v0.31.0 opentracing-spring-tracer-configuration-starter v0.1.0 spring-boot-autoconfigure (optional) v1.5.12.RELEASE spring-boot-configuration-processor (optional) v1.5.12.RELEASE All are licensed under Apache 2.0. APACHE 2.0 - See <a href="#">Appendix E</a> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider            | Component (s)                           | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|---------------------|-----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| opentracing-contrib | OpenTracing Spring Jaeger Starter 3.1.1 | <p>APACHE 2.0 - See <a href="#">Appendix E</a><br/>Below are 4th party dependencies.</p> <p>+++++</p> <p>jaeger-core, v0.27.0, Apache 2.0<br/>No copyright nor notice.txt in the source code, but only license text which is pure Apache 2.0 license text.</p> <p>+++++</p> <p>opentracing-api, v0.31.0, Apache 2.0<br/>No copyright nor notice.txt in the source code, but only license text which is pure Apache 2.0 license text.</p> <p>+++++</p> <p>opentracing-spring-tracer-configuration-starter, v0.1.0, Apache 2.0<br/>No copyright nor notice.txt in the source code, but only license text which is pure Apache 2.0 license text.</p> <p>+++++</p> <p>spring-boot-autoconfigure (optional), v1.5.12.RELEASE, Apache 2.0<br/>No copyright nor notice.txt in the source code, but only license text which is pure Apache 2.0 license text.</p> <p>+++++</p> <p>spring-boot-configuration-processor (optional), v1.5.12.RELEASE, Apache 2.0<br/>No copyright nor notice.txt in the source code, but only license text which is pure Apache 2.0 license text.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider            | Component (s)                           | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|---------------------|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| opentracing-contrib | OpenTracing Spring Jaeger Starter 3.1.2 | <p>APACHE 2.0 - See <a href="#">Appendix E</a></p> <p>Below are 4th party dependencies.</p> <p>+++++</p> <p>jaeger-core, v0.27.0, Apache 2.0</p> <p>No copyright nor notice.txt in the source code, but only license text which is pure Apache 2.0 license text.</p> <p>+++++</p> <p>opentracing-api, v0.31.0, Apache 2.0</p> <p>No copyright nor notice.txt in the source code, but only license text which is pure Apache 2.0 license text.</p> <p>+++++</p> <p>opentracing-spring-tracer-configuration-starter, v0.1.0, Apache 2.0</p> <p>No copyright nor notice.txt in the source code, but only license text which is pure Apache 2.0 license text. ++++++</p> <p>+++++</p> <p>spring-boot-autoconfigure (optional), v1.5.12.RELEASE, Apache 2.0</p> <p>No copyright nor notice.txt in the source code, but only license text which is pure Apache 2.0 license text.</p> <p>+++++</p> <p>spring-boot-configuration-processor (optional), v1.5.12.RELEASE, Apache 2.0</p> <p>No copyright nor notice.txt in the source code, but only license text which is pure Apache 2.0 license text.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider       | Component (s)                               | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------------|---------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Opentracing.io | OpenTracing Spring Jaeger Web Starter 2.0.3 | <p>Public Licenses &amp; Copyright Notices:</p> <p>Dependency Tree:</p> <pre> +- io.opentracing.contrib:opentracing-spring-jaeger-web-starter:jar:3.2.2:compile     +- io.opentracing.contrib:opentracing-spring-jaeger-starter:jar:3.2.2:compile       +- io.opentracing.contrib:opentracing-spring-tracer-configuration-starter:jar:0.4.0:compile       \- io.jaegertracing:jaeger-client:jar:1.1.0:compile         +- io.jaegertracing:jaeger-thrift:jar:1.4.0:compile           +-             org.apache.thrift:libthrift:jar:0.13.0:compile                     \-                     javax.annotation:javax.annotation-api:jar:1.3.2:compile                         \-                         com.squareup.okhttp3:okhttp:jar:3.14.9:compile                             \-                           com.squareup.okio:okio:jar:1.17.2:compile                             +- io.jaegertracing:jaeger-core:jar:1.1.0:compile                               \-                                 com.google.code.gson:gson:jar:2.8.6:compile                                   \- io.jaegertracing:jaeger-tracerresolver:jar:1.1.0:compile                 \- io.opentracing.contrib:opentracing-spring-web-starter:jar:4.0.0:compile                 +- io.opentracing.contrib:opentracing-spring-web:jar:4.0.0:compile                     \-                   io.opentracing.contrib:opentracing-web-servlet-filter:jar:0.4.0:compile                     \- io.opentracing.contrib:opentracing-tracerresolver:jar:0.1.8:compile </pre> <p>License: Apache License Version 2.0, January 2004</p> <p>Artifacts:</p> <pre> io.opentracing.contrib.* io.jaegertracing.* com.squareup.* com.google.code.gson:gson org.apache.thrift.* </pre> <p>Licenses (Include all Licenses here. Do not provide links.):</p> <p>APACHE 2.0 - See <a href="#">Appendix E</a></p> <p>Copyrights:</p> <p>Artifact:</p> <pre> 1. io.opentracing.contrib:opentracing-spring-jaeger-web-starter </pre> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>2. io.opentracing.contrib:opentracing-spring-web-starter</p> <p>3. io.opentracing.contrib:opentracing-spring-web</p> <p>4. io.opentracing.contrib:opentracing-web-servlet-filter</p> <p>5. io.opentracing.contrib:opentracing-tracerresolver</p> <p>6. io.opentracing.contrib:opentracing-spring-tracer-configuration-starter</p> <p>7. io.opentracing.contrib:opentracing-spring-jaeger-starter</p> <p>Copyright (Get copyright information from the source):</p> <p>-----</p> <p>Artifact:</p> <p>1. io.jaegertracing:jaeger-client</p> <p>2. io.jaegertracing:jaeger-thrift</p> <p>3. io.jaegertracing:jaeger-core</p> <p>4. io.jaegertracing:jaeger-tracerresolver</p> <p>Copyright:</p> <pre> /*  * Copyright (c) 2018, The Jaeger Authors  *  * Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file  * except  * in compliance with the License. You may  * obtain a copy of the License at  *  * http://www.apache.org/licenses/LICENSE-2.0  *  * Unless required by applicable law or agreed  * to in writing, software distributed under the  * License  * is distributed on an "AS IS" BASIS, WITHOUT  * WARRANTIES OR CONDITIONS OF ANY KIND, either  * express  * or implied. See the License for the specific  * language governing permissions and limitations  * under  * the License.  */ </pre> <p>-----</p> <p>Artifact: org.apache.thrift:libthrift</p> <p>Copyright:</p> <p>Apache Thrift</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Copyright (C) 2006 - 2019, The Apache Software Foundation</p> <p>This product includes software developed at The Apache Software Foundation (<a href="http://www.apache.org/">http://www.apache.org/</a>).</p> <p>-----</p> <p>Artifact:<br/>1. com.squareup.okhttp3:okhttp<br/>2. com.squareup.okio:okio<br/>Copyright:<br/>/*<br/>* Copyright (C) 2020 Square, Inc. and others.<br/>*<br/>* Licensed under the Apache License, Version 2.0 (the "License");<br/>* you may not use this file except in compliance with the License.<br/>* You may obtain a copy of the License at<br/>*<br/>* <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a><br/>*<br/>* Unless required by applicable law or agreed to in writing, software<br/>* distributed under the License is distributed on an "AS IS" BASIS,<br/>* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.<br/>* See the License for the specific language governing permissions and<br/>* limitations under the License.<br/>*/</p> <p>-----</p> <p>Artifact:<br/>1. com.google.code.gson:gson<br/>Copyright:<br/>/*<br/>* Copyright (C) 2018 The Gson authors<br/>*<br/>* Licensed under the Apache License, Version 2.0 (the "License");<br/>* you may not use this file except in compliance with the License.<br/>* You may obtain a copy of the License at<br/>*<br/>* <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <ul style="list-style-type: none"> <li>*</li> <li>* Unless required by applicable law or agreed to in writing, software</li> <li>* distributed under the License is distributed on an "AS IS" BASIS,</li> <li>* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.</li> <li>* See the License for the specific language governing permissions and</li> <li>* limitations under the License.</li> <li>*/</li> </ul> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider       | Component (s)                               | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------------|---------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Opentracing.io | OpenTracing Spring Jaeger Web Starter 2.0.3 | <p>Copyright 2018-2019 The OpenTracing Authors<br/>APACHE 2.0 - See <a href="#">Appendix E</a></p> <p>-----</p> <p>FOURTH-PARTY DEPENDENCY #1<br/>com.squareup.okio:okio:1.13.0<br/>FOURTH-PARTY DEPENDENCY #1 COPYRIGHT NOTICES<br/>Copyright (C) 2017 Square, Inc.<br/>APACHE 2.0 - See <a href="#">Appendix E</a></p> <p>-----</p> <p>FOURTH-PARTY DEPENDENCY #2 io.jaegertracing:jaeger-client:0.35.1<br/>FOURTH-PARTY DEPENDENCY #2 COPYRIGHT NOTICES<br/>Copyright (c) 2018, The Jaeger Authors<br/>APACHE 2.0 - See <a href="#">Appendix E</a></p> <p>-----</p> <p>FOURTH-PARTY DEPENDENCY #3 io.jaegertracing:jaeger-core:0.35.1<br/>FOURTH-PARTY DEPENDENCY #4 io.jaegertracing:jaeger-thrift:0.35.1<br/>FOURTH-PARTY DEPENDENCY #5 io.jaegertracing:jaeger-tracerresolver:0.35.1<br/>COMMON COPYRIGHT NOTICES<br/>Copyright (c) 2017, Uber Technologies, Inc<br/>Copyright (c) 2018, The Jaeger Authors<br/>APACHE 2.0 - See <a href="#">Appendix E</a></p> <p>-----</p> <p>FOURTH-PARTY DEPENDENCY #6<br/>io.opentracing.contrib:opentracing-spring-jaeger-starter:2.0.3<br/>FOURTH-PARTY DEPENDENCY #7<br/>io.opentracing.contrib:opentracing-spring-tracer-configuration-starter:0.2.0<br/>COMMON COPYRIGHT NOTICES<br/>Copyright 2018-2019 The OpenTracing Authors<br/>APACHE 2.0 - See <a href="#">Appendix E</a></p> <p>-----</p> <p>FOURTH-PARTY DEPENDENCY #8<br/>io.opentracing.contrib:opentracing-spring-web:2.1.0<br/>FOURTH-PARTY DEPENDENCY #9<br/>io.opentracing.contrib:opentracing-spring-web-starter:2.1.0<br/>COMMON COPYRIGHT NOTICES<br/>Copyright 2016-2019 The OpenTracing Authors<br/>APACHE 2.0 - See <a href="#">Appendix E</a></p> <p>-----</p> <p>FOURTH-PARTY DEPENDENCY #10<br/>io.opentracing.contrib:opentracing-tracerresolver:0.1.6</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>FOURTH-PARTY DEPENDENCY #10 COPYRIGHT NOTICES<br/>Copyright 2017-2019 The OpenTracing Authors<br/>APACHE 2.0 - See <a href="#">Appendix E</a></p> <p>-----</p> <p>FOURTH-PARTY DEPENDENCY #11<br/>io.opentracing.contrib:opentracing-web-servlet-filter:0.3.0<br/>FOURTH-PARTY DEPENDENCY #11 COPYRIGHT NOTICES<br/>Copyright 2016-2018 The OpenTracing Authors<br/>APACHE 2.0 - See <a href="#">Appendix E</a></p> <p>-----</p> <p>FOURTH-PARTY DEPENDENCY #12<br/>io.opentracing:opentracing-api:0.32.0<br/>FOURTH-PARTY DEPENDENCY #13<br/>io.opentracing:opentracing-noop:0.32.0<br/>FOURTH-PARTY DEPENDENCY #14<br/>io.opentracing:opentracing-util:0.32.0<br/>COMMON COPYRIGHT NOTICES<br/>Copyright 2016-2019 The OpenTracing Authors<br/>APACHE 2.0 - See <a href="#">Appendix E</a></p> <p>-----</p> <p>FOURTH-PARTY DEPENDENCY #15<br/>org.apache.thrift:libthrift:0.12.0<br/>FOURTH-PARTY DEPENDENCY #15 COPYRIGHT NOTICE<br/>Apache Thrift<br/>Copyright (C) 2006 - 2019, The Apache Software Foundation<br/>This product includes software developed at<br/>The Apache Software Foundation (<a href="http://www.apache.org/">http://www.apache.org/</a>).</p> <p>-----</p> <p>FOURTH-PARTY DEPENDENCY #16<br/>org.springframework.boot:spring-boot:2.1.7.RELEASE<br/>FOURTH-PARTY DEPENDENCY #17<br/>org.springframework.boot:spring-boot-autoconfigure:2.1.7.RELEASE<br/>COMMON COPYRIGHT NOTICE<br/>Copyright © 2019 Pivotal Software, Inc.. All rights reserved.</p> <p>-----</p> <p>FOURTH-PARTY DEPENDENCY #18<br/>org.springframework:spring-aop:5.1.9.RELEASE<br/>FOURTH-PARTY DEPENDENCY #19<br/>org.springframework:spring-beans:5.1.9.RELEASE<br/>FOURTH-PARTY DEPENDENCY #20<br/>org.springframework:spring-context:5.1.9.RELEASE<br/>FOURTH-PARTY DEPENDENCY #21<br/>org.springframework:spring-core:5.1.9.RELEASE</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>FOURTH-PARTY DEPENDENCY #22<br/>org.springframework:spring-expression:5.1.9.RELEASE</p> <p>FOURTH-PARTY DEPENDENCY #23<br/>org.springframework:spring-jcl:5.1.9.RELEASE</p> <p>COMMON COPYRIGHT NOTICE<br/>Copyright 2002-2019 the original author or authors.<br/>-----</p> <p>FOURTH-PARTY DEPENDENCY #1<br/>com.squareup.okio:okio:1.13.0</p> <p>FOURTH-PARTY DEPENDENCY #2 io.jaegertracing:jaeger-client:0.35.1</p> <p>FOURTH-PARTY DEPENDENCY #3 io.jaegertracing:jaeger-core:0.35.1</p> <p>FOURTH-PARTY DEPENDENCY #4 io.jaegertracing:jaeger-thrift:0.35.1</p> <p>FOURTH-PARTY DEPENDENCY #5 io.jaegertracing:jaeger-tracerresolver:0.35.1</p> <p>FOURTH-PARTY DEPENDENCY #6<br/>io.opentracing.contrib:opentracing-spring-jaeger-starter:2.0.3</p> <p>FOURTH-PARTY DEPENDENCY #7<br/>io.opentracing.contrib:opentracing-spring-tracer-configuration-starter:0.2.0</p> <p>FOURTH-PARTY DEPENDENCY #8<br/>io.opentracing.contrib:opentracing-spring-web:2.1.0</p> <p>FOURTH-PARTY DEPENDENCY #9<br/>io.opentracing.contrib:opentracing-spring-web-starter:2.1.0</p> <p>FOURTH-PARTY DEPENDENCY #10<br/>io.opentracing.contrib:opentracing-tracerresolver:0.1.6</p> <p>FOURTH-PARTY DEPENDENCY #11<br/>io.opentracing.contrib:opentracing-web-servlet-filter:0.3.0</p> <p>FOURTH-PARTY DEPENDENCY #12<br/>io.opentracing:opentracing-api:0.32.0</p> <p>FOURTH-PARTY DEPENDENCY #13<br/>io.opentracing:opentracing-noop:0.32.0</p> <p>FOURTH-PARTY DEPENDENCY #14<br/>io.opentracing:opentracing-util:0.32.0</p> <p>FOURTH-PARTY DEPENDENCY #15<br/>org.apache.thrift:libthrift:0.12.0</p> <p>FOURTH-PARTY DEPENDENCY #16<br/>org.springframework.boot:spring-boot:2.1.7.RELEASE</p> <p>FOURTH-PARTY DEPENDENCY #17<br/>org.springframework.boot:spring-boot-autoconfigure:2.1.7.RELEASE</p> <p>FOURTH-PARTY DEPENDENCY #18<br/>org.springframework:spring-aop:5.1.9.RELEASE</p> <p>FOURTH-PARTY DEPENDENCY #19<br/>org.springframework:spring-beans:5.1.9.RELEASE</p> <p>FOURTH-PARTY DEPENDENCY #20<br/>org.springframework:spring-context:5.1.9.RELEASE</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>FOURTH-PARTY DEPENDENCY #21<br/>org.springframework:spring-core:5.1.9.RELEASE</p> <p>FOURTH-PARTY DEPENDENCY #22<br/>org.springframework:spring-expression:5.1.9.RELEASE</p> <p>FOURTH-PARTY DEPENDENCY #23<br/>org.springframework:spring-jcl:5.1.9.RELEASE</p> <p>COMMON LICENSE TEXT</p> <p>APACHE 2.0 - See <a href="#">Appendix E</a></p> <p>-----</p> <p>FOURTH-PARTY DEPENDENCY #24 org.slf4j:slf4j-api:1.7.26</p> <p>FOURTH-PARTY DEPENDENCY #24 COPYRIGHT<br/>NOTICES and LICENSE TEXT</p> <p>Copyright (c) 2004-2017 QOS.ch</p> <p>All rights reserved.</p> <p>MIT - See <a href="#">Appendix G</a></p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider       | Component (s)                               | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------------|---------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Opentracing.io | OpenTracing Spring Jaeger Web Starter 3.0.1 | <p>TOP-LEVEL COPYRIGHT NOTICE for<br/>io.opentracing.contrib:opentracing-spring-web-starter:3.0.1 ©<br/>2019 Pivotal Software, Inc. All Rights Reserved /** *<br/>Copyright 2016-2019 The OpenTracing Authors * * Licensed<br/>under the Apache License, Version 2.0 (the "License"); you<br/>may not use this file except * in compliance with the License.<br/>You may obtain a copy of the License at * * http://<br/>www.apache.org/licenses/LICENSE-2.0 * * Unless required<br/>by applicable law or agreed to in writing, software distributed<br/>under the License * is distributed on an "AS IS" BASIS,<br/>WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND,<br/>either express * or implied. See the License for the specific<br/>language governing permissions and limitations under * the<br/>License. */</p> <p>APACHE 2.0 - See <a href="#">Appendix E</a></p> <p>FOURTH-PARTY DEPENDENCY #1<br/>io.opentracing.contrib:opentracing-spring-tracer-<br/>configuration-starter:0.3.1 FOURTH-PARTY DEPENDENCY<br/>#1 COPYRIGHT NOTICES /** * Copyright 2018-2019 The<br/>OpenTracing Authors * * Licensed under the Apache<br/>License, Version 2.0 (the "License"); you may not use this file<br/>except * in compliance with the License. You may obtain a<br/>copy of the License at * * http://www.apache.org/licenses/<br/>LICENSE-2.0 * * Unless required by applicable law or agreed<br/>to in writing, software distributed under the License * is<br/>distributed on an "AS IS" BASIS, WITHOUT WARRANTIES<br/>OR CONDITIONS OF ANY KIND, either express * or implied.<br/>See the License for the specific language governing<br/>permissions and limitations under * the License. */</p> <p>FOURTH-PARTY DEPENDENCY #2<br/>io.opentracing.contrib:opentracing-spring-web:3.0.1<br/>FOURTH-PARTY DEPENDENCY #3<br/>io.opentracing:opentracing-api:0.33.0 FOURTH-PARTY<br/>DEPENDENCY #4 io.opentracing:opentracing-noop:0.33.0<br/>FOURTH-PARTY DEPENDENCY #5<br/>io.opentracing:opentracing-util:0.33.0 COMMON<br/>Copyright /** * Copyright 2016-2019 The OpenTracing<br/>Authors * * Licensed under the Apache License, Version 2.0<br/>(the "License"); you may not use this file except * in<br/>compliance with the License. You may obtain a copy of the<br/>License at * * http://www.apache.org/licenses/LICENSE-2.0 *<br/>* Unless required by applicable law or agreed to in writing,<br/>software distributed under the License * is distributed on an<br/>"AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS<br/>OF ANY KIND, either express * or implied. See the License<br/>for the specific language governing permissions and<br/>limitations under * the License. */</p> <p>FOURTH-PARTY DEPENDENCY #6<br/>io.opentracing.contrib:opentracing-tracerresolver:0.1.8<br/>FOURTH-PARTY DEPENDENCY #6 Copyright Notice /** *<br/>Copyright 2017-2018 The OpenTracing Authors * * Licensed<br/>under the Apache License, Version 2.0 (the "License"); * you<br/>may not use this file except in compliance with the License. *<br/>You may obtain a copy of the License at * * http://<br/>www.apache.org/licenses/LICENSE-2.0 * * Unless required<br/>by applicable law or agreed to in writing, software *</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>distributed under the License is distributed on an "AS IS" BASIS, * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. * See the License for the specific language governing permissions and * limitations under the License. */</p> <p>FOURTH-PARTY DEPENDENCY #7<br/>io.opentracing.contrib:opentracing-web-servlet-filter:0.4.0<br/>FOURTH-PARTY DEPENDENCY #7 Copyright Notice /* * Copyright 2016-2018 The OpenTracing Authors ** Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except * in compliance with the License. You may obtain a copy of the License at ** http://www.apache.org/licenses/LICENSE-2.0 ** Unless required by applicable law or agreed to in writing, software distributed under the License * is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express * or implied. See the License for the specific language governing permissions and limitations under * the License. */</p> <p>FOURTH-PARTY DEPENDENCY #8<br/>org.springframework.boot:spring-boot:2.2.4.RELEASE<br/>FOURTH-PARTY DEPENDENCY #9<br/>org.springframework.boot:spring-boot-autoconfigure:2.2.4.RELEASE<br/>FOURTH-PARTY DEPENDENCY #10 org.springframework:spring-aop:5.2.3.RELEASE<br/>FOURTH-PARTY DEPENDENCY #11 org.springframework:spring-beans:5.2.3.RELEASE<br/>FOURTH-PARTY DEPENDENCY #12<br/>org.springframework:spring-context:5.2.3.RELEASE<br/>FOURTH-PARTY DEPENDENCY #13<br/>org.springframework:spring-core:5.2.3.RELEASE<br/>FOURTH-PARTY DEPENDENCY #14 org.springframework:spring-expression:5.2.3.RELEASE<br/>FOURTH-PARTY DEPENDENCY #15 org.springframework:spring-jcl:5.2.3.RELEASE<br/>COMMON Copyright /* * Copyright 2012-2019 the original author or authors. ** Licensed under the Apache License, Version 2.0 (the "License"); * you may not use this file except in compliance with the License. * You may obtain a copy of the License at ** https://www.apache.org/licenses/LICENSE-2.0 ** Unless required by applicable law or agreed to in writing, software * distributed under the License is distributed on an "AS IS" BASIS, * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. * See the License for the specific language governing permissions and * limitations under the License. */</p> <p>FOURTH-PARTY DEPENDENCY #1<br/>io.opentracing.contrib:opentracing-spring-tracer-configuration-starter:0.3.1<br/>FOURTH-PARTY DEPENDENCY #2 io.opentracing.contrib:opentracing-spring-web:3.0.1<br/>FOURTH-PARTY DEPENDENCY #3<br/>io.opentracing:opentracing-api:0.33.0<br/>FOURTH-PARTY DEPENDENCY #4 io.opentracing:opentracing-noop:0.33.0<br/>FOURTH-PARTY DEPENDENCY #5<br/>io.opentracing:opentracing-util:0.33.0<br/>FOURTH-PARTY DEPENDENCY #6 io.opentracing.contrib:opentracing-</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | tracerresolver:0.1.8 FOURTH-PARTY DEPENDENCY #7<br>io.opentracing.contrib:opentracing-web-servlet-filter:0.4.0<br>FOURTH-PARTY DEPENDENCY #8<br>org.springframework.boot:spring-boot:2.2.4.RELEASE<br>FOURTH-PARTY DEPENDENCY #9<br>org.springframework.boot:spring-boot-<br>autoconfigure:2.2.4.RELEASE FOURTH-PARTY<br>DEPENDENCY #10 org.springframework:spring-<br>aop:5.2.3.RELEASE FOURTH-PARTY DEPENDENCY #11<br>org.springframework:spring-beans:5.2.3.RELEASE<br>FOURTH-PARTY DEPENDENCY #12<br>org.springframework:spring-context:5.2.3.RELEASE<br>FOURTH-PARTY DEPENDENCY #13<br>org.springframework:spring-core:5.2.3.RELEASE FOURTH-<br>PARTY DEPENDENCY #14 org.springframework:spring-<br>expression:5.2.3.RELEASE FOURTH-PARTY<br>DEPENDENCY #15 org.springframework:spring-<br>jcl:5.2.3.RELEASE COMMON License<br>APACHE 2.0 - See <a href="#">Appendix E</a> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider       | Component (s)                               | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------------|---------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Opentracing.io | OpenTracing Spring Jaeger Web Starter 3.2.2 | <p>Public Licenses and Copyright Notices:</p> <ul style="list-style-type: none"> <li>+ io.opentracing.contrib:opentracing-spring-jaeger-web-starter:jar:3.2.2:compile</li> <li>  +- io.opentracing.contrib:opentracing-spring-jaeger-starter:jar:3.2.2:compile</li> <li>   +- io.opentracing.contrib:opentracing-spring-tracer-configuration-starter:jar:0.4.0:compile</li> <li>   \- io.jaegertracing:jaeger-client:jar:1.1.0:compile</li> <li>   +- io.jaegertracing:jaeger-thrift:jar:1.4.0:compile</li> <li>    +- org.apache.thrift:libthrift:jar:0.13.0:compile</li> <li>    \- javax.annotation:javax.annotation-api:jar:1.3.2:compile</li> <li>    \- com.squareup.okhttp3:okhttp:jar:3.14.9:compile</li> <li>    \- com.squareup.okio:okio:jar:1.17.2:compile</li> <li>   +- io.jaegertracing:jaeger-core:jar:1.1.0:compile</li> <li>    \- com.google.code.gson:gson:jar:2.8.6:compile</li> <li>   \- io.jaegertracing:jaeger-tracerresolver:jar:1.1.0:compile</li> <li>  \- io.opentracing.contrib:opentracing-spring-web-starter:jar:4.0.0:compile</li> <li>  +- io.opentracing.contrib:opentracing-spring-web:jar:4.0.0:compile</li> <li>   \- io.opentracing.contrib:opentracing-web-servlet-filter:jar:0.4.0:compile</li> <li>  \- io.opentracing.contrib:opentracing-tracerresolver:jar:0.1.8:compile</li> </ul> <p>License: Apache License Version 2.0, January 2004</p> <p>Artifacts:</p> <ul style="list-style-type: none"> <li>io.opentracing.contrib.*</li> <li>io.jaegertracing.*</li> <li>com.squareup.*</li> <li>com.google.code.gson:gson</li> <li>org.apache.thrift.*</li> </ul> <p>APACHE 2.0 - See <a href="#">Appendix E</a></p> <p>Copyrights:</p> <ol style="list-style-type: none"> <li>1. io.opentracing.contrib:opentracing-spring-jaeger-web-starter</li> <li>2. io.opentracing.contrib:opentracing-spring-web-starter</li> <li>3. io.opentracing.contrib:opentracing-spring-web</li> <li>4. io.opentracing.contrib:opentracing-web-servlet-filter</li> <li>5. io.opentracing.contrib:opentracing-tracerresolver</li> <li>6. io.opentracing.contrib:opentracing-spring-tracer-configuration-starter</li> <li>7. io.opentracing.contrib:opentracing-spring-jaeger-starter</li> </ol> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Copyright (Get copyright information from the source):<br/>&lt;!--<br/>Copyright 2018-2020 The OpenTracing Authors</p> <p>Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at</p> <p><a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.</p> <p>--&gt;</p> <p>-----</p> <p>Artifact:</p> <ol style="list-style-type: none"> <li>1. io.jaegertracing:jaeger-client</li> <li>2. io.jaegertracing:jaeger-thrift</li> <li>3. io.jaegertracing:jaeger-core</li> <li>4. io.jaegertracing:jaeger-tracerresolver</li> </ol> <p>Copyright:</p> <pre>/*  * Copyright (c) 2018, The Jaeger Authors  *  * Licensed under the Apache License, Version 2.0 (the  * "License"); you may not use this file except  * in compliance with the License. You may obtain a  * copy of the License at  *  * http://www.apache.org/licenses/LICENSE-2.0  *  * Unless required by applicable law or agreed to in  * writing, software distributed under the License  * is distributed on an "AS IS" BASIS, WITHOUT  * WARRANTIES OR CONDITIONS OF ANY KIND,  * either express  * or implied. See the License for the specific language  * governing permissions and limitations under  * the License.  */</pre> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>-----</p> <p>Artifact: org.apache.thrift:libthrift<br/>Copyright:<br/>Apache Thrift<br/>Copyright (C) 2006 - 2019, The Apache Software Foundation</p> <p>This product includes software developed at The Apache Software Foundation (<a href="http://www.apache.org/">http://www.apache.org/</a>)</p> <p>-----</p> <p>Artifact:<br/>1. com.squareup.okhttp3:okhttp<br/>2. com.squareup.okio:okio</p> <p>Copyright:<br/>/*<br/>* Copyright (C) 2020 Square, Inc. and others.<br/>*<br/>* Licensed under the Apache License, Version 2.0 (the "License");<br/>* you may not use this file except in compliance with the License.<br/>* You may obtain a copy of the License at<br/>*<br/>* <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a><br/>*<br/>* Unless required by applicable law or agreed to in writing, software<br/>* distributed under the License is distributed on an "AS IS" BASIS,<br/>* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.<br/>* See the License for the specific language governing permissions and<br/>* limitations under the License.<br/>*/</p> <p>-----</p> <p>Artifact:<br/>1. com.google.code.gson:gson</p> <p>Copyright:<br/>/*<br/>* Copyright (C) 2018 The Gson authors<br/>*<br/>* Licensed under the Apache License, Version 2.0 (the</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider            | Component (s)                | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|---------------------|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                     |                              | <p>"License");</p> <p>* you may not use this file except in compliance with the License.</p> <p>* You may obtain a copy of the License at</p> <p>*</p> <p>* <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>*</p> <p>* Unless required by applicable law or agreed to in writing, software</p> <p>* distributed under the License is distributed on an "AS IS" BASIS,</p> <p>* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.</p> <p>* See the License for the specific language governing permissions and</p> <p>* limitations under the License.</p> <p>*/</p> |
| opentracing-contrib | OpenTracing Spring Web 0.3.2 | <p>APACHE 2.0 - See <a href="#">Appendix E</a> 4<sup>th</sup> -party dependency: opentracing-web-servlet-filter v0.1.0 APACHE 2.0 - See <a href="#">Appendix E</a></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider                                      | Component (s)                | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-----------------------------------------------|------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Open Web Application Security Project (OWASP) | OWASP Dependency Check 5.2.4 | <p>Copyright (c) 2012-2013 Jeremy Long. All Rights Reserved. The licenses for the software listed below can be found in the META-INF/licenses/[dependency name].</p> <p>This product includes software developed by The Apache Software Foundation (<a href="http://www.apache.org/">http://www.apache.org/</a>).</p> <p>This product includes software developed by JQuery.com (<a href="http://jquery.com/">http://jquery.com/</a>).</p> <p>This product includes software developed by Jonathan Hedley (<a href="http://jsoup.org">jsoup.org</a>)</p> <p>This software contains unmodified binary redistributions for H2 database engine (<a href="http://www.h2database.com/">http://www.h2database.com/</a>), which is dual licensed and available under a modified version of the MPL 1.1 (Mozilla Public License) or under the (unmodified) EPL 1.0 (Eclipse Public License).</p> <p>An original copy of the license agreement can be found at: <a href="http://www.h2database.com/html/license.html">http://www.h2database.com/html/license.html</a></p> <p>This product includes data from the Common Weakness Enumeration (CWE): <a href="http://cwe.mitre.org/">http://cwe.mitre.org/</a></p> <p>This product downloads and utilizes data from the National Vulnerability Database hosted by NIST: <a href="http://nvd.nist.gov/download.cfm">http://nvd.nist.gov/download.cfm</a></p> <p>-----</p> <p>TOP-LEVEL LICENSE TEXT for<br/>org.owasp.dependencycheck.gradle.plugin:5.2.4<br/>APACHE 2.0 - See <a href="#">Appendix E</a></p> <p>-----</p> <p>FOURTH-PARTY DEPENDENCY #1<br/>com.esotericsoftware:minlog:1.3<br/>FOURTH-PARTY DEPENDENCY #1 LICENSE and<br/>COPYRIGHT NOTICES<br/>LICENSE: BSD-3-Clause<br/>Copyright (c) 2008, Nathan Sweet<br/>All rights reserved.<br/>BSD License- See <a href="#">Appendix N</a></p> <p>-----</p> <p>FOURTH-PARTY DEPENDENCY #2 com.github.package-url:packageurl-java:1.1.1<br/>FOURTH-PARTY DEPENDENCY #2 LICENSE and<br/>COPYRIGHT NOTICES<br/>MIT - See <a href="#">Appendix G</a></p> <p>-----</p> <p>FOURTH-PARTY DEPENDENCY #3<br/>com.github.spullara.mustache.java:compiler:0.8.17<br/>FOURTH-PARTY DEPENDENCY #3 COPYRIGHT<br/>NOTICES<br/>Copyright 2002-2010 the original author or authors.<br/>Licensed under the Apache License, Version 2.0 (the<br/>"License"); you may not use this file except in compliance<br/>with the License.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>You may obtain a copy of the License at <a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Mustache.java factory with a fallback mechanism for locating resources.</p> <p>(Some parts are based on DefaultMustacheFactory code that is Copyright 2010 RightTime, Inc.)</p> <p>@author gw0 [<a href="http://gw.tnode.com/">http://gw.tnode.com/</a>] &lt;gw.2012@tnode.com&gt;</p> <p>-----</p> <p>FOURTH-PARTY DEPENDENCY #4<br/>com.fasterxml.jackson.core:jackson-annotations:2.10.0</p> <p>FOURTH-PARTY DEPENDENCY #4 COPYRIGHT NOTICES</p> <p>Copyright © 2008–2019 FasterXML. All rights reserved.</p> <p>-----</p> <p>FOURTH-PARTY DEPENDENCY #5<br/>com.google.code.findbugs:jsr305:3.0.2</p> <p>FOURTH-PARTY DEPENDENCY #5 COPYRIGHT NOTICES</p> <p>&lt;!-- Copyright 1992-2002 HaL Computer Systems, Inc., O'Reilly &amp; Associates, Inc., ArborText, Inc., Fujitsu Software Corporation, Norman Walsh, Sun Microsystems, Inc., and the Organization for the Advancement of Structured Information Standards (OASIS).</p> <p>\$Id: dbcentx.mod,v 1.1 2005/11/28 21:36:47 daveho Exp \$</p> <p>Permission to use, copy, modify and distribute the DocBook DTD and its accompanying documentation for any purpose and without fee is hereby granted in perpetuity, provided that the above copyright notice and this paragraph appear in all copies. The copyright holders make no representation about the suitability of the DTD for any purpose. It is provided "as is" without expressed or implied warranty.</p> <p>If you modify the DocBook DTD in any way, except for declaring and referencing additional sets of general entities and declaring additional notations, label your DTD as a variant of DocBook. See the maintenance documentation for more information.</p> <p>Please direct all questions, bug reports, or suggestions for changes to the <a href="mailto:docbook@lists.oasis-open.org">docbook@lists.oasis-open.org</a> mailing list. For more information, see <a href="http://www.oasis-open.org/docbook/">http://www.oasis-open.org/docbook/</a>.</p> <p>--&gt;</p> <p>FindBugs</p> <p>Copyright (C) 2011 University of Maryland</p> <p>This library is free software; you can redistribute it and/or modify it under the terms of the GNU Lesser General Public License as published by the Free Software Foundation; either version 2.1 of the License, or (at your option) any later version.</p> <p>This library is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>PARTICULAR PURPOSE. See the GNU Lesser General Public License for more details.</p> <p>You should have received a copy of the GNU Lesser General Public License along with this library; if not, write to the Free Software Foundation, Inc., 59 Temple Place, Suite 330, Boston, MA 02111-1307 USA</p> <p>Copyright (c) 2000-2005 INRIA, France Telecom</p> <p>All rights reserved.</p> <p>See <a href="#">Appendix M</a></p> <p>Copyright 2013 Google Inc. All Rights Reserved.</p> <p>Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License.</p> <p>You may obtain a copy of the License at <a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Copyright (c) 2000, 2007 IBM Corporation and others.</p> <p>All rights reserved. This program and the accompanying material are made available under the terms of the Eclipse Public License v1.0 which accompanies this distribution, and is available at <a href="http://www.eclipse.org/legal/epl-v10.html">http://www.eclipse.org/legal/epl-v10.html</a></p> <p>Contributors: IBM Corporation - initial API and implementation</p> <p>Contributions to FindBugs</p> <p>Copyright (C) 2014, Andrey Loskutov</p> <p>This library is free software; you can redistribute it and/or modify it under the terms of the GNU Lesser General Public License as published by the Free Software Foundation; either version 2.1 of the License, or (at your option) any later version.</p> <p>This library is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU Lesser General Public License for more details.</p> <p>You should have received a copy of the GNU Lesser General Public License along with this library; if not, write to the Free Software Foundation, Inc., 59 Temple Place, Suite 330, Boston, MA 02111-1307 USA</p> <p>Contributions to FindBugs</p> <p>Copyright (C) 2014, Kevin Lubick</p> <p>Contributions to FindBugs</p> <p>Copyright (C) 2009, Tomás Pollak</p> <p>-----separator-----</p> <p>FOURTH-PARTY DEPENDENCY #6</p> <p>com.google.code.gson:gson:2.8.5</p> <p>FOURTH-PARTY DEPENDENCY #6 COPYRIGHT NOTICES</p> <p>Copyright (C) 2017 Google Inc.</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License.</p> <p>You may obtain a copy of the License at <a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Copyright (C) 2018 Gson Authors</p> <p>Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License.</p> <p>You may obtain a copy of the License at <a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Copyright (C) 2018 The Gson Authors</p> <p>Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License.</p> <p>You may obtain a copy of the License at <a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a></p> <p>-----</p> <p>FOURTH-PARTY DEPENDENCY #7<br/>com.google.errorprone:error_prone_annotations:2.3.2</p> <p>FOURTH-PARTY DEPENDENCY #7 COPYRIGHT NOTICES</p> <p>Copyright 2018 The Error Prone Authors.</p> <p>Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License.</p> <p>You may obtain a copy of the License at <a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Copyright (C) 2009 The Guava Authors</p> <p>Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License.</p> <p>You may obtain a copy of the License at <a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a></p> <p>-----</p> <p>FOURTH-PARTY DEPENDENCY #8<br/>com.google.guava:failureaccess:1.0.1</p> <p>FOURTH-PARTY DEPENDENCY #9<br/>com.google.guava:listenablefuture:9999.0-empty-to-avoid-conflict-with-guava</p> <p>Copyright (C) 2018 The Guava Authors</p> <p>Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License.</p> <p>You may obtain a copy of the License at <a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a></p> <p>-----</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>FOURTH-PARTY DEPENDENCY #10<br/>com.google.guava:guava:28.1-jre</p> <p>FOURTH-PARTY DEPENDENCY #10 COPYRIGHT TEXT<br/>Copyright (C) 2019 The Guava Authors<br/>Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License.<br/>You may obtain a copy of the License at<br/><a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a></p> <p>-----</p> <p>FOURTH-PARTY DEPENDENCY #11<br/>com.google.j2objc:j2objc-annotations:1.3</p> <p>FOURTH-PARTY DEPENDENCY #11 COPYRIGHT NOTICES<br/>Copyright (C) 2009-2012, International Business Machines Corporation and others. All Rights Reserved.<br/>Copyright (C) 2000-2014, International Business Machines Corporation and others. All Rights Reserved.</p> <p>Android Code<br/>Copyright 2005-2008 The Android Open Source Project<br/>This product includes software developed as part of<br/>The Android Open Source Project (<a href="http://source.android.com">http://source.android.com</a>).</p> <p>Apache Harmony<br/>Copyright 2006 The Apache Software Foundation<br/>This product includes software developed at<br/>The Apache Software Foundation (<a href="http://www.apache.org/">http://www.apache.org/</a>).</p> <p>Portions of Harmony were originally developed by Intel Corporation and are licensed to the Apache Software Foundation under the "Software Grant and Corporate Contribution License Agreement", informally known as the "Intel Harmony CLA".</p> <p>Copyright (c) 1995-2014 International Business Machines Corporation and others<br/>All rights reserved.</p> <p>MIT License See <a href="#">Appendix G</a></p> <p>Copyright (c) 2002,2003, Stefan Haustein, Oberhausen, Rhld., Germany</p> <p>MIT License See <a href="#">Appendix G</a></p> <p>NOTICE file for the W3C License.</p> <p>Copyright (c) 2000 World Wide Web Consortium, (Massachusetts Institute of Technology, Institut National de Recherche en Informatique et en Automatique, Keio University). All Rights Reserved. This program is distributed under the W3C's Software Intellectual Property License.</p> <p>This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>See W3C License <a href="http://www.w3.org/Consortium/Legal/">http://www.w3.org/Consortium/Legal/</a> for more details.</p> <p>NOTICE file for the fdlibm License.</p> <p>Copyright (C) 1993 by Sun Microsystems, Inc. All rights reserved.</p> <p>Developed at SunSoft, a Sun Microsystems, Inc. business.</p> <p>Permission to use, copy, modify, and distribute this software is freely granted, provided that this notice is preserved.</p> <p>Copyright (C) 2003, International Business Machines Corporation and others. All Rights Reserved.</p> <p>(C)Copyright IBM Corp. 1996-2005 - All Rights Reserved</p> <p>The original version of this source code and documentation is copyrighted and owned by IBM, These materials are provided under terms of a License Agreement between IBM and Sun. This technology is protected by multiple US and International patents. This notice and attribution to IBM may not to removed.</p> <p>(C)Copyright IBM Corp. 1996-2009 - All Rights Reserved</p> <p>The original version of this source code and documentation is copyrighted and owned by IBM, These materials are provided under terms of a License Agreement between IBM and Sun. This technology is protected by multiple US and International patents. This notice and attribution to IBM may not to removed.</p> <p>Copyright (C) 2003-2004, International Business Machines Corporation and others. All Rights Reserved.</p> <p>Copyright (C) 2004, International Business Machines Corporation and others. All Rights Reserved.</p> <p>Copyright (C) 2009, International Business Machines Corporation and others. All Rights Reserved.</p> <p>Copyright (C) 2009-2010, International Business Machines Corporation and others. All Rights Reserved.</p> <p>Copyright (C) 2010, International Business Machines Corporation and others. All Rights Reserved.</p> <p>(C) Copyright IBM Corp. 1996-2003 - All Rights Reserved</p> <p>The original version of this source code and documentation is copyrighted and owned by IBM, These materials are provided under terms of a License Agreement between IBM and Sun. This technology is protected by multiple US and International patents. This notice and attribution to IBM may not to removed.</p> <p>This locale data is based on the ICU's Vietnamese locale data (rev. 1.38) found at:<br/><a href="http://oss.software.ibm.com/cvs/icu/icu/source/data/locales/vi.txt?rev=1.38">http://oss.software.ibm.com/cvs/icu/icu/source/data/locales/vi.txt?rev=1.38</a></p> <p>(C) Copyright IBM Corp. 1999-2003 - All Rights Reserved</p> <p>The original version of this source code and documentation is copyrighted and owned by IBM, These materials are provided under terms of a License Agreement between IBM and Sun. This technology is protected by multiple US and</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>International patents. This notice and attribution to IBM may not to removed.</p> <p>(C) Copyright Taligent, Inc. 1996 - 1997, All Rights Reserved</p> <p>(C) Copyright IBM Corp. 1996 - 1998, All Rights Reserved</p> <p>The original version of this source code and documentation is copyrighted and owned by Taligent, Inc., a wholly-owned subsidiary of IBM. These materials are provided under terms of a License Agreement between Taligent and Sun. This technology is protected by multiple US and International patents.</p> <p>This notice and attribution to Taligent may not be removed. Taligent is a registered trademark of Taligent, Inc.</p> <p>(C) Copyright Taligent, Inc. 1996 , All Rights Reserved</p> <p>(C) Copyright IBM Corp. 1996 - 1998, All Rights Reserved</p> <p>The original version of this source code and documentation is copyrighted and owned by Taligent, Inc., a wholly-owned subsidiary of IBM. These materials are provided under terms of a License Agreement between Taligent and Sun. This technology is protected by multiple US and International patents.</p> <p>This notice and attribution to Taligent may not be removed. Taligent is a registered trademark of Taligent, Inc.</p> <p>(C) Copyright Taligent, Inc. 1996, 1997 - , All Rights Reserved</p> <p>(C) Copyright IBM Corp. 1996 - 1998, All Rights Reserved</p> <p>The original version of this source code and documentation is copyrighted and owned by Taligent, Inc., a wholly-owned subsidiary of IBM. These materials are provided under terms of a License Agreement between Taligent and Sun. This technology is protected by multiple US and International patents.</p> <p>This notice and attribution to Taligent may not be removed. Taligent is a registered trademark of Taligent, Inc.</p> <p>(C) Copyright Taligent, Inc. 1996, 1997 - , All Rights Reserved</p> <p>(C) Copyright IBM Corp. 1996 - 1999, All Rights Reserved</p> <p>The original version of this source code and documentation is copyrighted and owned by Taligent, Inc., a wholly-owned subsidiary of IBM. These materials are provided under terms of a License Agreement between Taligent and Sun. This technology is protected by multiple US and International patents.</p> <p>This notice and attribution to Taligent may not be removed. Taligent is a registered trademark of Taligent, Inc.</p> <p>(C) Copyright Taligent, Inc. 1996, 1997 - , All Rights Reserved</p> <p>(C) Copyright IBM Corp. 1996 - 2002, All Rights Reserved</p> <p>The original version of this source code and documentation is copyrighted and owned by Taligent, Inc., a wholly-owned subsidiary of IBM. These materials are provided under terms of a License Agreement between Taligent and Sun. This</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>technology is protected by multiple US and International patents.</p> <p>This notice and attribution to Taligent may not be removed. Taligent is a registered trademark of Taligent, Inc.</p> <p>-----</p> <p>FOURTH-PARTY DEPENDENCY #12<br/>com.h3xstream.retirejs:retirejs-core:3.0.1</p> <p>FOURTH-PARTY DEPENDENCY #12 COPYRIGHT NOTICES</p> <p>Copyright © 2018. All rights reserved.</p> <p>FOURTH-PARTY DEPENDENCY #12 LICESNE NOTICES</p> <p>GNU LESSER GENERAL PUBLIC LICENSE</p> <p>Version 3, 29 June 2007</p> <p>Copyright © 2007 Free Software Foundation, Inc. &lt;<a href="https://fsf.org/">https://fsf.org/</a>&gt;</p> <p>See <a href="#">Appendix W</a></p> <p>-----</p> <p>FOURTH-PARTY DEPENDENCY #13<br/>com.h2database:h2:1.4.199</p> <p>FOURTH-PARTY DEPENDENCY #13 Copyright NOTICE</p> <p>Copyright 2004-2019 H2 Group. Multiple-Licensed under the MPL 2.0, and the EPL 1.0 (<a href="http://h2database.com/html/license.html">http://h2database.com/html/license.html</a>).</p> <p>Initial Developer: H2 Group</p> <p>FOURTH-PARTY DEPENDENCY #13 LICENSE NOTICE</p> <p>Mozilla Public License Version 2.0 - See <a href="#">Appendix S</a></p> <p>Eclipse Public License - v 1.0 - See <a href="#">Appendix J</a></p> <p>-----</p> <p>FOURTH-PARTY DEPENDENCY #14<br/>com.moandjiezana.toml:toml4j:0.7.2</p> <p>FOURTH-PARTY DEPENDENCY #14 Copyright and license NOTICE</p> <p>The MIT License (MIT)</p> <p>Copyright (c) 2013-2015 Moandji Ezana</p> <p>MIT - See <a href="#">Appendix G</a></p> <p>-----</p> <p>FOURTH-PARTY DEPENDENCY #15 commons-collections:commons-collections:3.2.2</p> <p>FOURTH-PARTY DEPENDENCY #15 Copyright NOTICE</p> <p>Apache Commons Collections</p> <p>Copyright 2001-2015 The Apache Software Foundation</p> <p>This product includes software developed by</p> <p>The Apache Software Foundation (<a href="http://www.apache.org/">http://www.apache.org/</a>).</p> <p>-----</p> <p>FOURTH-PARTY DEPENDENCY #16 commons-io:commons-io:2.6</p> <p>FOURTH-PARTY DEPENDENCY #16 Copyright NOTICE</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Apache Commons IO<br/>Copyright 2002-2017 The Apache Software Foundation<br/>This product includes software developed at<br/>The Apache Software Foundation (<a href="http://www.apache.org/">http://www.apache.org/</a>).</p> <p>-----</p> <p>FOURTH-PARTY DEPENDENCY #17 commons-logging:commons-logging:1.2<br/>FOURTH-PARTY DEPENDENCY #17 Copyright NOTICE<br/>Apache Commons Logging<br/>Copyright 2003-2014 The Apache Software Foundation<br/>This product includes software developed at<br/>The Apache Software Foundation (<a href="http://www.apache.org/">http://www.apache.org/</a>).</p> <p>-----</p> <p>FOURTH-PARTY DEPENDENCY #18<br/>com.sun.activation:jakarta.activation:1.2.1<br/>FOURTH-PARTY DEPENDENCY #18 Copyright NOTICE<br/>Notices for Eclipse Project for JAF<br/>This content is produced and maintained by the Eclipse Project for JAF project.<br/>Project home: <a href="https://projects.eclipse.org/projects/ee4j.jaf">https://projects.eclipse.org/projects/ee4j.jaf</a><br/>Copyright<br/>All content is the property of the respective authors or their employers. For more information regarding authorship of content, please consult the listed source code repository logs.<br/>Declared Project Licenses<br/>This program and the accompanying materials are made available under the terms of the Eclipse Distribution License v. 1.0, which is available at <a href="http://www.eclipse.org/org/documents/edl-v10.php">http://www.eclipse.org/org/documents/edl-v10.php</a>.<br/>SPDX-License-Identifier: BSD-3-Clause<br/>Source Code<br/>The project maintains the following source code repositories:<br/><a href="https://github.com/eclipse-ee4j/jaf">https://github.com/eclipse-ee4j/jaf</a><br/>Third-party Content<br/>This project leverages the following third party content.<br/>JUnit (4.12)<br/>License: Eclipse Public License</p> <p>-----</p> <p>FOURTH-PARTY DEPENDENCY #19<br/>com.vdurmont:semver4j:3.1.0<br/>FOURTH-PARTY DEPENDENCY #19 Copyright and License NOTICE<br/>The MIT License (MIT)<br/>Copyright (c) 2015-present Vincent DURMONT<br/>&lt;<a href="mailto:vdurmont@gmail.com">vdurmont@gmail.com</a>&gt;<br/>MIT - See <a href="#">Appendix G</a></p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>-----</p> <p>FOURTH-PARTY DEPENDENCY #20<br/>javax.inject:javax.inject:1</p> <p>FOURTH-PARTY DEPENDENCY #20 Copyright NOTICE<br/>Copyright (C) 2009 The JSR-330 Expert Group<br/>Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License.<br/>You may obtain a copy of the License at<br/><a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a></p> <p>-----</p> <p>FOURTH-PARTY DEPENDENCY #21<br/>javax.ws.rs:javax.ws.rs-api:2.0.1</p> <p>FOURTH-PARTY DEPENDENCY #21 Copyright Notice<br/>Copyright (C) 1989, 1991 Free Software Foundation, Inc.</p> <p>-----</p> <p>FOURTH-PARTY DEPENDENCY #22 joda-time:joda-time:2.10.3</p> <p>FOURTH-PARTY DEPENDENCY #22 Copyright Notice<br/>Copyright 2017 Stephen Colebourne<br/>Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License.<br/>You may obtain a copy of the License at<br/><a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a></p> <p>-----</p> <p>FOURTH-PARTY DEPENDENCY #23<br/>org.apache.commons:commons-compress:1.19</p> <p>FOURTH-PARTY DEPENDENCY #23 Copyright Notice<br/>Apache Commons Compress<br/>Copyright 2002-2019 The Apache Software Foundation<br/>This product includes software developed at<br/>The Apache Software Foundation (<a href="https://www.apache.org/">https://www.apache.org/</a>).<br/>The files in the package<br/>org.apache.commons.compress.archivers.sevenz were derived from the LZMA SDK, version 9.20 (C/ and CPP/ 7zip/), which has been placed in the public domain:<br/>"LZMA SDK is placed in the public domain." (<a href="http://www.7zip.org/sdk.html">http://www.7zip.org/sdk.html</a>)</p> <p>-----</p> <p>FOURTH-PARTY DEPENDENCY #24<br/>org.apache.commons:commons-jcs-core:2.2.1</p> <p>FOURTH-PARTY DEPENDENCY #24 Copyright Notice<br/>Apache Commons JCS<br/>Copyright 2001-2017 The Apache Software Foundation.<br/>This product includes software developed at<br/>The Apache Software Foundation (<a href="http://www.apache.org/">http://www.apache.org/</a>).</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>-----</p> <p>FOURTH-PARTY DEPENDENCY #25<br/>org.apache.commons:commons-lang3:3.8.1<br/>FOURTH-PARTY DEPENDENCY #25 Copyright Notice<br/>Apache Commons Lang<br/>Copyright 2001-2018 The Apache Software Foundation<br/>This product includes software developed at<br/>The Apache Software Foundation (<a href="http://www.apache.org/">http://www.apache.org/</a>).<br/>© 2019 GitHub, Inc.</p> <p>-----</p> <p>FOURTH-PARTY DEPENDENCY #26<br/>org.apache.commons:commons-text:1.8<br/>FOURTH-PARTY DEPENDENCY #26 Copyright Notice<br/>Apache Commons Text<br/>Copyright 2014-2019 The Apache Software Foundation<br/>This product includes software developed at<br/>The Apache Software Foundation (<a href="https://www.apache.org/">https://www.apache.org/</a>).</p> <p>-----</p> <p>FOURTH-PARTY DEPENDENCY #27<br/>org.apache.commons:commons-lang3:3.8.1<br/>FOURTH-PARTY DEPENDENCY #28<br/>org.apache.lucene:lucene-analyzers-common:8.3.0<br/>FOURTH-PARTY DEPENDENCY #29<br/>org.apache.lucene:lucene-core:8.3.0<br/>FOURTH-PARTY DEPENDENCY #30<br/>org.apache.lucene:lucene-queries:8.3.0<br/>FOURTH-PARTY DEPENDENCY #31<br/>org.apache.lucene:lucene-queryparser:8.3.0<br/>FOURTH-PARTY DEPENDENCY #32<br/>org.apache.lucene:lucene-sandbox:8.3.0<br/>Common Notice<br/>Apache Lucene<br/>Copyright 2001-2019 The Apache Software Foundation<br/>This product includes software developed at<br/>The Apache Software Foundation (<a href="http://www.apache.org/">http://www.apache.org/</a>).<br/>Includes software from other Apache Software Foundation<br/>projects, including, but not limited to:</p> <ul style="list-style-type: none"> <li>- Apache Ant</li> <li>- Apache Jakarta Regexp</li> <li>- Apache Commons</li> <li>- Apache Xerces</li> </ul> <p>ICU4J, (under analysis/icu) is licensed under an MIT styles<br/>license and Copyright (c) 1995-2008 International Business<br/>Machines Corporation and others<br/>Some data files (under analysis/icu/src/data) are derived<br/>from Unicode data such as the Unicode Character Database.<br/>See <a href="http://unicode.org/copyright.html">http://unicode.org/copyright.html</a> for more details.</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Brics Automaton (under core/src/java/org/apache/lucene/util/automaton) is BSD-licensed, created by Anders Møller. See <a href="http://www.brics.dk/automaton/">http://www.brics.dk/automaton/</a></p> <p>The levenshtein automata tables (under core/src/java/org/apache/lucene/util/automaton) were automatically generated with the moman/finenight FSA library, created by Jean-Philippe Barrette-LaPierre. This library is available under an MIT license, see <a href="http://sites.google.com/site/rrettesite/moman">http://sites.google.com/site/rrettesite/moman</a> and <a href="http://bitbucket.org/jpbarrette/moman/overview/">http://bitbucket.org/jpbarrette/moman/overview/</a></p> <p>The class org.apache.lucene.util.WeakIdentityMap was derived from the Apache CXF project and is Apache License 2.0.</p> <p>The Google Code Prettify is Apache License 2.0.</p> <p>See <a href="http://code.google.com/p/google-code-prettify/JUnit">http://code.google.com/p/google-code-prettify/JUnit</a> (junit-4.10) is licensed under the Common Public License v. 1.0</p> <p>See <a href="http://junit.sourceforge.net/cpl-v10.html">http://junit.sourceforge.net/cpl-v10.html</a></p> <p>This product includes code (JaspellTernarySearchTrie) from Java Spelling Checking Package (jaspell): <a href="http://jaspell.sourceforge.net/">http://jaspell.sourceforge.net/</a></p> <p>License: The BSD License (<a href="http://www.opensource.org/licenses/bsd-license.php">http://www.opensource.org/licenses/bsd-license.php</a>)</p> <p>The snowball stemmers in analysis/common/src/java/net/sf/snowball were developed by Martin Porter and Richard Boulton. The snowball stopword lists in analysis/common/src/resources/org/apache/lucene/analysis/snowball were developed by Martin Porter and Richard Boulton. The full snowball package is available from <a href="http://snowball.tartarus.org/">http://snowball.tartarus.org/</a></p> <p>The KStem stemmer in analysis/common/src/org/apache/lucene/analysis/en was developed by Bob Krovetz and Sergio Guzman-Lara (CIIR-UMass Amherst) under the BSD-license.</p> <p>The Arabic,Persian,Romanian,Bulgarian, Hindi and Bengali analyzers (common) come with a default stopwords list that is BSD-licensed created by Jacques Savoy. These files reside in:</p> <p>analysis/common/src/resources/org/apache/lucene/analysis/ar/stopwords.txt,</p> <p>analysis/common/src/resources/org/apache/lucene/analysis/fa/stopwords.txt,</p> <p>analysis/common/src/resources/org/apache/lucene/analysis/ro/stopwords.txt,</p> <p>analysis/common/src/resources/org/apache/lucene/analysis/bg/stopwords.txt,</p> <p>analysis/common/src/resources/org/apache/lucene/analysis/hi/stopwords.txt,</p> <p>analysis/common/src/resources/org/apache/lucene/analysis/bn/stopwords.txt</p> <p>See <a href="http://members.unine.ch/jacques.savoy/clef/index.html">http://members.unine.ch/jacques.savoy/clef/index.html</a>.</p> <p>The German,Spanish,Finnish,French,Hungarian,Italian,Portugue</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>se,Russian and Swedish light stemmers (common) are based on BSD-licensed reference implementations created by Jacques Savoy and Ljiljana Dolamic. These files reside in:</p> <p>analysis/common/src/java/org/apache/lucene/analysis/de/GermanLightStemmer.java</p> <p>analysis/common/src/java/org/apache/lucene/analysis/de/GermanMinimalStemmer.java</p> <p>analysis/common/src/java/org/apache/lucene/analysis/es/SpanishLightStemmer.java</p> <p>analysis/common/src/java/org/apache/lucene/analysis/fi/FinnishLightStemmer.java</p> <p>analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchLightStemmer.java</p> <p>analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchMinimalStemmer.java</p> <p>analysis/common/src/java/org/apache/lucene/analysis/hu/HungarianLightStemmer.java</p> <p>analysis/common/src/java/org/apache/lucene/analysis/it/ItalianLightStemmer.java</p> <p>analysis/common/src/java/org/apache/lucene/analysis/pt/PortugueseLightStemmer.java</p> <p>analysis/common/src/java/org/apache/lucene/analysis/ru/RussianLightStemmer.java</p> <p>analysis/common/src/java/org/apache/lucene/analysis/sv/SwedishLightStemmer.java</p> <p>The Stempel analyzer (stempel) includes BSD-licensed software developed by the Egothor project <a href="http://egothor.sf.net/">http://egothor.sf.net/</a>, created by Leo Galambos, Martin Kvapil, and Edmond Nolan. The Polish analyzer (stempel) comes with a default stopword list that is BSD-licensed created by the Carrot2 project. The file resides in stempel/src/resources/org/apache/lucene/analysis/pl/stopwords.txt. See <a href="http://project.carrot2.org/license.html">http://project.carrot2.org/license.html</a>.</p> <p>The SmartChineseAnalyzer source code (smartcn) was provided by Xiaoping Gao and copyright 2009 by <a href="http://www.imdict.net">www.imdict.net</a>.</p> <p>WordBreakTestUnicode_*.java (under modules/analysis/common/src/test/) is derived from Unicode data such as the Unicode Character Database. See <a href="http://unicode.org/copyright.html">http://unicode.org/copyright.html</a> for more details.</p> <p>The Morfologik analyzer (morfologik) includes BSD-licensed software developed by Dawid Weiss and Marcin Miłkowski (<a href="http://morfologik.blogspot.com/">http://morfologik.blogspot.com/</a>).</p> <p>Morfologik uses data from Polish ispell/myspell dictionary (<a href="http://www.sjp.pl/slownik/en/">http://www.sjp.pl/slownik/en/</a>) licenced on the terms of (inter alia)</p> <p>LGPL and Creative Commons ShareAlike.</p> <p>Morfologic includes data from BSD-licensed dictionary of Polish (SGJP) (<a href="http://sgjp.pl/morfeusz/">http://sgjp.pl/morfeusz/</a>)</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Servlet-api.jar and javax.servlet-*.jar are under the CDDL license, the original source code for this can be found at <a href="http://www.eclipse.org/jetty/downloads.php">http://www.eclipse.org/jetty/downloads.php</a></p> <p>Kuromoji Japanese Morphological Analyzer - Apache Lucene Integration</p> <p>This software includes a binary and/or source version of data from mecab-ipadic-2.7.0-20070801 which can be obtained from</p> <p><a href="http://atilika.com/releases/mecab-ipadic/mecab-ipadic-2.7.0-20070801.tar.gz">http://atilika.com/releases/mecab-ipadic/mecab-ipadic-2.7.0-20070801.tar.gz</a></p> <p>or</p> <p><a href="http://jaist.dl.sourceforge.net/project/mecab/mecab-ipadic/2.7.0-20070801/mecab-ipadic-2.7.0-20070801.tar.gz">http://jaist.dl.sourceforge.net/project/mecab/mecab-ipadic/2.7.0-20070801/mecab-ipadic-2.7.0-20070801.tar.gz</a></p> <p>mecab-ipadic-2.7.0-20070801 Notice</p> <p>Nara Institute of Science and Technology (NAIST), the copyright holders, disclaims all warranties with regard to this software, including all implied warranties of merchantability and fitness, in no event shall NAIST be liable for any special, indirect or consequential damages or any damages whatsoever resulting from loss of use, data or profits, whether in an action of contract, negligence or other tortuous action, arising out of or in connection with the use or performance of this software.</p> <p>A large portion of the dictionary entries originate from ICOT Free Software. The following conditions for ICOT Free Software applies to the current dictionary as well. Each User may also freely distribute the Program, whether in its original form or modified, to any third party or parties, PROVIDED that the provisions of Section 3 ("NO WARRANTY") will ALWAYS appear on, or be attached to, the Program, which is distributed substantially in the same form as set out herein and that such intended distribution, if actually made, will neither violate or otherwise contravene any of the laws and regulations of the countries having jurisdiction over the User or the intended distribution itself.</p> <p>NO WARRANTY</p> <p>The program was produced on an experimental basis in the course of the research and development conducted during the project and is provided to users as so produced on an experimental basis. Accordingly, the program is provided without any warranty whatsoever, whether express, implied, statutory or otherwise. The term "warranty" used herein includes, but is not limited to, any warranty of the quality, performance, merchantability and fitness for a particular purpose of the program and the nonexistence of any infringement or violation of any right of any third party. Each user of the program will agree and understand, and be deemed to have agreed and understood, that there is no warranty whatsoever for the program and, accordingly, the entire risk arising from or otherwise connected with the program is assumed by the user. Therefore, neither ICOT, the copyright holder, or any other organization that participated in or was otherwise related to the development of the program and their respective officials, directors,</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>officers and other employees shall be held liable for any and all damages, including, without limitation, general, special, incidental and consequential damages, arising out of or otherwise in connection with the use or inability to use the program or any product, material or result produced or otherwise obtained by using the program, regardless of whether they have been advised of, or otherwise had knowledge of, the possibility of such damages at any time during the project or thereafter. Each user will be deemed to have agreed to the foregoing by his or her commencement of use of the program. The term "use" as used herein includes, but is not limited to, the use, modification, copying and distribution of the program and the production of secondary products from the program.</p> <p>In the case where the program, whether in its original form or modified, was distributed or delivered to or received by a user from any person, organization or entity other than ICOT, unless it makes or grants independently of ICOT any specific warranty to the user in writing, such person, organization or entity, will also be exempted from and not be held liable to the user for any such damages as noted above as far as the program is concerned.</p> <p>Nori Korean Morphological Analyzer - Apache Lucene Integration</p> <p>This software includes a binary and/or source version of data from mecab-ko-dic-2.0.3-20170922 which can be obtained from <a href="https://bitbucket.org/eunjeon/mecab-ko-dic/downloads/mecab-ko-dic-2.0.3-20170922.tar.gz">https://bitbucket.org/eunjeon/mecab-ko-dic/downloads/mecab-ko-dic-2.0.3-20170922.tar.gz</a></p> <p>-----</p> <p>FOURTH-PARTY DEPENDENCY #33<br/>org.checkerframework:checker-qual:2.8.1<br/>FOURTH-PARTY DEPENDENCY #33 Copyright and License Notice<br/>Checker Framework qualifiers<br/>Copyright 2004-present by the Checker Framework developers<br/>MIT License - See <a href="#">Appendix G</a></p> <p>-----</p> <p>FOURTH-PARTY DEPENDENCY #34<br/>org.json:json:20140107<br/>FOURTH-PARTY DEPENDENCY #34 Copyright and License Notice<br/>Copyright (c) 2002 JSON.org<br/>MIT License See <a href="#">Appendix G</a></p> <p>-----</p> <p>FOURTH-PARTY DEPENDENCY #35 org.jsoup:jsoup:1.12.1<br/>FOURTH-PARTY DEPENDENCY #35 Copyright and License Notice<br/>The MIT License - See <a href="#">Appendix G</a></p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Copyright (c) 2009-2019 Jonathan Hedley<br/>&lt;jonathan@hedley.net&gt;<br/>MIT License - See <a href="#">Appendix G</a></p> <p>-----</p> <p>FOURTH-PARTY DEPENDENCY #36<br/>org.owasp:dependency-check-core:5.2.4<br/>FOURTH-PARTY DEPENDENCY #37<br/>org.owasp:dependency-check-utils:5.2.4<br/>Common Copyright Notice<br/>dependency-check<br/>Copyright (c) 2012-2013 Jeremy Long. All Rights Reserved.<br/>The licenses for the software listed below can be found in the<br/>META-INF/licenses/[dependency name].<br/>This product includes software developed by The Apache<br/>Software Foundation (<a href="http://www.apache.org/">http://www.apache.org/</a>).<br/>This product includes software developed by JQuery.com<br/>(<a href="http://jquery.com/">http://jquery.com/</a>).<br/>This product includes software developed by Jonathan<br/>Hedley (jsoup.org)<br/>This software contains unmodified binary redistributions for<br/>H2 database engine (<a href="http://www.h2database.com/">http://www.h2database.com/</a>), which is<br/>dual licensed and available under a modified version of the<br/>MPL 1.1 (Mozilla Public License) or under the (unmodified)<br/>EPL 1.0 (Eclipse Public License).<br/>An original copy of the license agreement can be found at:<br/><a href="http://www.h2database.com/html/license.html">http://www.h2database.com/html/license.html</a><br/>This product includes data from the Common Weakness<br/>Enumeration (CWE): <a href="http://cwe.mitre.org/">http://cwe.mitre.org/</a><br/>This product downloads and utilizes data from the National<br/>Vulnerability Database hosted by NIST: <a href="http://nvd.nist.gov/download.cfm">http://nvd.nist.gov/<br/>download.cfm</a></p> <p>-----</p> <p>FOURTH-PARTY DEPENDENCY #38<br/>org.owasp:dependency-check-gradle:5.2.4<br/>FOURTH-PARTY DEPENDENCY #38 Copyright Notice<br/>dependency-check-gradle<br/>Copyright (c) 2015 Wei Ma. All Rights Reserved.<br/>The licenses for the software listed below can be found in the<br/>META-INF/licenses/[dependency name].<br/>This product includes software developed by The Apache<br/>Software Foundation (<a href="http://www.apache.org/">http://www.apache.org/</a>).<br/>This product includes data from the Common Weakness<br/>Enumeration (CWE): <a href="http://cwe.mitre.org/">http://cwe.mitre.org/</a><br/>This product downloads and utilizes data from the National<br/>Vulnerability Database hosted by NIST: <a href="http://nvd.nist.gov/download.cfm">http://nvd.nist.gov/<br/>download.cfm</a></p> <p>-----</p> <p>FOURTH-PARTY DEPENDENCY #39 org.slf4j:jcl-over-<br/>slf4j:1.7.26</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>FOURTH-PARTY DEPENDENCY #40 org.slf4j:slf4j-api:1.7.26<br/>Common Copyright and License<br/>MIT License - See <a href="#">Appendix G</a><br/>Copyright (c) 2004-2017 QOS.ch<br/>All rights reserved.<br/>MIT License - See <a href="#">Appendix G</a></p> <p>-----</p> <p>FOURTH-PARTY DEPENDENCY #41<br/>org.sonatype.goodies:package-url-java:1.0.1<br/>FOURTH-PARTY DEPENDENCY #41 Copyright Notice<br/>Copyright (c) 2018-present Sonatype, Inc. All rights reserved.<br/><br/>This program is licensed to you under the Apache License Version 2.0, and you may not use this file except in compliance with the Apache License Version 2.0.<br/>You may obtain a copy of the Apache License Version 2.0 at <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a>.<br/><br/>Unless required by applicable law or agreed to in writing, software distributed under the Apache License Version 2.0 is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.<br/>See the Apache License Version 2.0 for the specific language governing permissions and limitations there under.</p> <p>-----</p> <p>FOURTH-PARTY DEPENDENCY #42<br/>org.sonatype.ossindex:ossindex-service-api:1.2.0<br/>FOURTH-PARTY DEPENDENCY #43<br/>org.sonatype.ossindex:ossindex-service-client:1.2.0<br/>Common Copyright Notice<br/>Copyright © 2018–2019 Sonatype, Inc.. All rights reserved.</p> <p>-----</p> <p>FOURTH-PARTY DEPENDENCY #44 us.springett:cpe-parser:2.0.1<br/>FOURTH-PARTY DEPENDENCY #44 Copyright Notice<br/>This file is part of CPE Parser.<br/><br/>This program is licensed to you under the Apache License Version 2.0, and you may not use this file except in compliance with the Apache License Version 2.0.<br/>You may obtain a copy of the Apache License Version 2.0 at <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a>.<br/><br/>Unless required by applicable law or agreed to in writing, software distributed under the Apache License Version 2.0 is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.<br/>See the Apache License Version 2.0 for the specific language governing permissions and limitations there under.<br/>Copyright (c) 2018 Jeremy Long. All Rights Reserved.<br/>This file is part of CPE Parser.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>This program is licensed to you under the Apache License Version 2.0, and you may not use this file except in compliance with the Apache License Version 2.0.</p> <p>You may obtain a copy of the Apache License Version 2.0 at <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a>.</p> <p>Unless required by applicable law or agreed to in writing, software distributed under the Apache License Version 2.0 is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the Apache License Version 2.0 for the specific language governing permissions and limitations there under.</p> <p>Copyright (c) Steve Springett. All Rights Reserved.</p> <p>-----</p> <p>FOURTH-PARTY DEPENDENCY #3<br/>com.github.spullara.mustache.java:compiler:0.8.17</p> <p>FOURTH-PARTY DEPENDENCY #4<br/>com.fasterxml.jackson.core:jackson-annotations:2.10.0</p> <p>FOURTH-PARTY DEPENDENCY #5<br/>com.google.code.findbugs:jsr305:3.0.2</p> <p>FOURTH-PARTY DEPENDENCY #6<br/>com.google.code.gson:gson:2.8.5</p> <p>FOURTH-PARTY DEPENDENCY #7<br/>com.google.errorprone:error_prone_annotations:2.3.2</p> <p>FOURTH-PARTY DEPENDENCY #8<br/>com.google.guava:failureaccess:1.0.1</p> <p>FOURTH-PARTY DEPENDENCY #9<br/>com.google.guava:listenablefuture:9999.0-empty-to-avoid-conflict-with-guava</p> <p>FOURTH-PARTY DEPENDENCY #10<br/>com.google.guava:guava:28.1-jre</p> <p>FOURTH-PARTY DEPENDENCY #11<br/>com.google.j2objc:j2objc-annotations:1.3</p> <p>FOURTH-PARTY DEPENDENCY #15 commons-collections:commons-collections:3.2.2</p> <p>FOURTH-PARTY DEPENDENCY #16 commons-io:commons-io:2.6</p> <p>FOURTH-PARTY DEPENDENCY #17 commons-logging:commons-logging:1.2</p> <p>FOURTH-PARTY DEPENDENCY #18<br/>com.sun.activation:jakarta.activation:1.2.1</p> <p>FOURTH-PARTY DEPENDENCY #20<br/>javax.inject:javax.inject:1</p> <p>FOURTH-PARTY DEPENDENCY #21<br/>javax.ws.rs:javax.ws.rs-api:2.0.1</p> <p>FOURTH-PARTY DEPENDENCY #22 joda-time:joda-time:2.10.3</p> <p>FOURTH-PARTY DEPENDENCY #23<br/>org.apache.commons:commons-compress:1.19</p> <p>FOURTH-PARTY DEPENDENCY #24<br/>org.apache.commons:commons-jcs-core:2.2.1</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>FOURTH-PARTY DEPENDENCY #25<br/>org.apache.commons:commons-lang3:3.8.1</p> <p>FOURTH-PARTY DEPENDENCY #26<br/>org.apache.commons:commons-text:1.8</p> <p>FOURTH-PARTY DEPENDENCY #27<br/>org.apache.commons:commons-lang3:3.8.1</p> <p>FOURTH-PARTY DEPENDENCY #28<br/>org.apache.lucene:lucene-analyzers-common:8.3.0</p> <p>FOURTH-PARTY DEPENDENCY #29<br/>org.apache.lucene:lucene-core:8.3.0</p> <p>FOURTH-PARTY DEPENDENCY #30<br/>org.apache.lucene:lucene-queries:8.3.0</p> <p>FOURTH-PARTY DEPENDENCY #31<br/>org.apache.lucene:lucene-queryparser:8.3.0</p> <p>FOURTH-PARTY DEPENDENCY #32<br/>org.apache.lucene:lucene-sandbox:8.3.0</p> <p>FOURTH-PARTY DEPENDENCY #36<br/>org.owasp:dependency-check-core:5.2.4</p> <p>FOURTH-PARTY DEPENDENCY #37<br/>org.owasp:dependency-check-utils:5.2.4</p> <p>FOURTH-PARTY DEPENDENCY #38<br/>org.owasp:dependency-check-gradle:5.2.4</p> <p>FOURTH-PARTY DEPENDENCY #41<br/>org.sonatype.goodies:package-url-java:1.0.1</p> <p>FOURTH-PARTY DEPENDENCY #42<br/>org.sonatype.ossindex:ossindex-service-api:1.2.0</p> <p>FOURTH-PARTY DEPENDENCY #43<br/>org.sonatype.ossindex:ossindex-service-client:1.2.0</p> <p>FOURTH-PARTY DEPENDENCY #44 us.springett:cpe-parser:2.0.1</p> <p>Common License</p> <p>Apache License - See <a href="#">Appendix E</a></p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider    | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-------------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Open Source | pandas 1.3.3  | <p>=====Third Party Info=====</p> <p>pandas<br/>BSD<br/>BSD 3-Clause License<br/>Copyright (c) 2008-2011, AQR Capital Management, LLC, Lambda Foundry, Inc. and PyData Development Team<br/>All rights reserved.<br/>Copyright (c) 2011-2020, Open source contributors.</p> <p>See <a href="#">Appendix M</a></p> <p>=====Fourth Party Info=====</p> <p>-----</p> <p>-----</p> <p>Name           six<br/>License       MIT<br/>Copyright    Copyright (c) 2010-2020 Benjamin Peterson<br/>Peterson                   Copyright (c) 2010-2020 Benjamin Peterson<br/>-----</p> <p>-----</p> <p>-----</p> <p>-----</p> <p>Name           python-dateutil<br/>License       BSD 3 Clause<br/>Copyright    Copyright (c) 2012-2014 - Tomi Pieviläinen<br/>Pieviläinen                   Copyright (c) 2015-           - Paul Ganssle<br/>Leeuw                        Copyright (c) 2014-2016 - Yaron de<br/>                              Copyright 2017- Paul Ganssle<br/>                              Copyright 2017- dateutil contributors<br/>(see AUTHORS file)<br/>                              Copyright (c) 2015-           - dateutil<br/>contributors (see AUTHORS file)<br/>                              Copyright (c) 2003-2011 - Gustavo Niemeyer<br/>Pieviläinen                   Copyright (c) 2012-2014 - Tomi<br/>                              Copyright (c) 2015-           - Paul Ganssle<br/>Leeuw                        Copyright (c) 2014-2016 - Yaron de<br/>                              Copyright 2017- Paul Ganssle<br/>                              Copyright 2017- dateutil contributors<br/>(see AUTHORS file)<br/>                              Copyright (c) 2015-           - dateutil<br/>contributors (see AUTHORS file)<br/>                              Copyright (c) 2003-2011 - Gustavo Niemeyer<br/>-----</p> <p>-----</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <pre> ----- =====License===== ----- ----- License MIT Text Copyright (c) 2010-2020 Benjamin Peterson  MIT License See <a href="#">Appendix G</a>  ----- ----- ----- ----- ----- ----- License BSD 3 Clause Text Copyright 2017- Paul Ganssle Copyright 2017- dateutil contributors (see AUTHORS file) Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at http://www.apache.org/licenses/ LICENSE-2.0 Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License. The above license applies to all contributions after 2017-12-01, as well as all contributions that have been re- licensed (see AUTHORS file for the list of contributors who have re-licensed their code).  ----- ----- dateutil - Extensions to the standard Python datetime module. Copyright (c) 2003-2011 - Gustavo Niemeyer Copyright (c) 2012-2014 - Tomi Pieviläinen Copyright (c) 2014-2016 - Yaron de Leeuw Copyright (c) 2015- - Paul Ganssle </pre> |

Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                    |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <div>Copyright (c) 2015- - dateutil</div> <div>contributors (see AUTHORS file)</div> <div>All rights reserved.</div> <div>See <a href="#">Appendix M</a></div> <div>The above BSD License Applies to all</div> <div>code, even that also covered by Apache 2.0.</div> <div>-----</div> <div>-----</div> <div>-----</div> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider    | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Open Source | pandas 1.0.4  | <p>Website: <a href="https://pandas.pydata.org/">https://pandas.pydata.org/</a><br/> License: <a href="https://github.com/pandas-dev/pandas/blob/master/LICENSE">https://github.com/pandas-dev/pandas/blob/master/LICENSE</a></p> <p>BSD 3-Clause License</p> <p>Copyright (c) 2008-2011, AQR Capital Management, LLC, Lambda Foundry, Inc. and PyData Development Team<br/> All rights reserved.</p> <p>Copyright (c) 2011-2020, Open source contributors.</p> <p>See <a href="#">Appendix M</a></p> <p>4p Dependency: python-dateutil<br/> Version: 2.8.1<br/> Website: <a href="https://github.com/dateutil/dateutil">https://github.com/dateutil/dateutil</a><br/> License: <a href="https://github.com/dateutil/dateutil/blob/master/LICENSE">https://github.com/dateutil/dateutil/blob/master/LICENSE</a></p> <p>Copyright 2017- Paul Ganssle<br/> Copyright 2017- dateutil contributors (see AUTHORS file)</p> <p>Licensed under the Apache License, Version 2.0 (the "License");<br/> you may not use this file except in compliance with the License.<br/> You may obtain a copy of the License at</p> <p><a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Unless required by applicable law or agreed to in writing, software<br/> distributed under the License is distributed on an "AS IS" BASIS,<br/> WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.<br/> See the License for the specific language governing permissions and<br/> limitations under the License.</p> <p>The above license applies to all contributions after 2017-12-01, as well as<br/> all contributions that have been re-licensed (see AUTHORS file for the list of<br/> contributors who have re-licensed their code).</p> <p>-----<br/> dateutil - Extensions to the standard Python datetime module.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Copyright (c) 2003-2011 - Gustavo Niemeyer<br/> Copyright (c) 2012-2014 - Tomi Pieviläinen<br/> Copyright (c) 2014-2016 - Yaron de Leeuw<br/> Copyright (c) 2015- - Paul Ganssle<br/> Copyright (c) 2015- - dateutil contributors<br/> (see AUTHORS file)</p> <p>All rights reserved.</p> <p>See <a href="#">Appendix M</a></p> <p>The above BSD License Applies to all code, even that also covered by Apache 2.0.</p> <p>4p Dependency: pytz<br/> Version: 2019.3<br/> Website: <a href="https://pythonhosted.org/pytz/">https://pythonhosted.org/pytz/</a><br/> License: <a href="https://pythonhosted.org/pytz/#license">https://pythonhosted.org/pytz/#license</a></p> <p>MIT license.</p> <p>This code is also available as part of Zope 3 under the Zope Public License, Version 2.1 (ZPL).</p> <p>I'm happy to relicense this code if necessary for inclusion in other open source projects.</p> <p>4p Dependency: numpy<br/> Version: 1.18.2<br/> Website: <a href="https://numpy.org/">https://numpy.org/</a><br/> License: <a href="https://numpy.org/license.html">https://numpy.org/license.html</a></p> <p>Copyright © 2005-2020, NumPy Developers.<br/> All rights reserved.</p> <p>See <a href="#">Appendix M</a></p> <p>4p Dependency: six<br/> Version: 1.14.0<br/> Website: <a href="https://github.com/benjaminp/six">https://github.com/benjaminp/six</a><br/> License: <a href="https://github.com/benjaminp/six/blob/master/LICENSE">https://github.com/benjaminp/six/blob/master/LICENSE</a></p> <p>Copyright (c) 2010-2020 Benjamin Peterson</p> <p>MIT License See <a href="#">Appendix G</a></p> <p>4p Dependency: haven<br/> Version: introduced in commit 5686313<br/> Website: <a href="https://haven.tidyverse.org/">https://haven.tidyverse.org/</a></p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>License: <a href="https://github.com/pandas-dev/pandas/blob/master/LICENSES/HAVEN_LICENSE">https://github.com/pandas-dev/pandas/blob/master/LICENSES/HAVEN_LICENSE</a></p> <p># MIT License</p> <p>Copyright (c) 2019 Hadley Wickham; RStudio; and Evan Miller</p> <p>MIT License See <a href="#">Appendix G</a></p> <p>4p Dependency: musl<br/>Version: introduced in commit 8ea7744<br/>Website: <a href="https://musl.libc.org/">https://musl.libc.org/</a><br/>License: <a href="https://github.com/pandas-dev/pandas/blob/master/LICENSES/MUSL_LICENSE">https://github.com/pandas-dev/pandas/blob/master/LICENSES/MUSL_LICENSE</a></p> <p>musl as a whole is licensed under the following standard MIT license:</p> <p>-----<br/>-----<br/>Copyright © 2005-2014 Rich Felker, et al.</p> <p>MIT License See <a href="#">Appendix G</a></p> <p>-----<br/>-----</p> <p>Authors/contributors include:</p> <p>Anthony G. Basile<br/>Arvid Picciani<br/>Bobby Bingham<br/>Boris Brezillon<br/>Brent Cook<br/>Chris Spiegel<br/>Clément Vasseur<br/>Emil Renner Berthing<br/>Hiltjo Posthuma<br/>Isaac Dunham<br/>Jens Gustedt<br/>Jeremy Huntwork<br/>John Spencer<br/>Justin Cormack<br/>Luca Barbato<br/>Luka Perkov<br/>M Farkas-Dyck (Strake)<br/>Michael Forney<br/>Nicholas J. Kain<br/>orc<br/>Pascal Cuoq<br/>Pierre Carrier</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Rich Felker<br/>Richard Pennington<br/>sin<br/>Solar Designer<br/>Stefan Kristiansson<br/>Szabolcs Nagy<br/>Timo Teräs<br/>Valentin Ochs<br/>William Haddon</p> <p>Portions of this software are derived from third-party works licensed under terms compatible with the above MIT license:</p> <p>The TRE regular expression implementation (src/regex/reg* and src/regex/tre*) is Copyright © 2001-2008 Ville Laurikari and licensed under a 2-clause BSD license (license text in the source files). The included version has been heavily modified by Rich Felker in 2012, in the interests of size, simplicity, and namespace cleanliness.</p> <p>Much of the math library code (src/math/* and src/complex/*) is<br/>Copyright © 1993,2004 Sun Microsystems or<br/>Copyright © 2003-2011 David Schultz or<br/>Copyright © 2003-2009 Steven G. Kargl or<br/>Copyright © 2003-2009 Bruce D. Evans or<br/>Copyright © 2008 Stephen L. Moshier<br/>and labelled as such in comments in the individual source files. All<br/>have been licensed under extremely permissive terms.</p> <p>The ARM memcpy code (src/string/armel/memcpy.s) is Copyright © 2008<br/>The Android Open Source Project and is licensed under a two-clause BSD<br/>license. It was taken from Bionic libc, used on Android.</p> <p>The implementation of DES for crypt (src/misc/crypt_des.c) is<br/>Copyright © 1994 David Burren. It is licensed under a BSD license.</p> <p>The implementation of blowfish crypt (src/misc/crypt_blowfish.c) was<br/>originally written by Solar Designer and placed into the public<br/>domain. The code also comes with a fallback permissive license for use</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>in jurisdictions that may not recognize the public domain.</p> <p>The smoothsort implementation (src/stdlib/qsort.c) is Copyright © 2011 Valentin Ochs and is licensed under an MIT-style license.</p> <p>The BSD PRNG implementation (src/prng/random.c) and XSI search API (src/search/*.c) functions are Copyright © 2011 Szabolcs Nagy and licensed under following terms: "Permission to use, copy, modify, and/or distribute this code for any purpose with or without fee is hereby granted. There is no warranty."</p> <p>The x86_64 port was written by Nicholas J. Kain. Several files (crt) were released into the public domain; others are licensed under the standard MIT license terms at the top of this file. See individual files for their copyright status.</p> <p>The mips and microblaze ports were originally written by Richard Pennington for use in the ellcc project. The original code was adapted by Rich Felker for build system and code conventions during upstream integration. It is licensed under the standard MIT terms.</p> <p>The powerpc port was also originally written by Richard Pennington, and later supplemented and integrated by John Spencer. It is licensed under the standard MIT terms.</p> <p>All other files which have no copyright comments are original works produced specifically for use as part of this library, written either by Rich Felker, the main author of the library, or by one or more contributors listed above. Details on authorship of individual files can be found in the git version control history of the project. The omission of copyright and license comments in each file is in the interest of source tree size.</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>All public header files (include/* and arch/*/bits/*) should be treated as Public Domain as they intentionally contain no content which can be covered by copyright. Some source modules may fall in this category as well. If you believe that a file is so trivial that it should be in the Public Domain, please contact the authors and request an explicit statement releasing it from copyright.</p> <p>The following files are trivial, believed not to be copyrightable in the first place, and hereby explicitly released to the Public Domain:</p> <p>All public headers: include/*, arch/*/bits/*<br/>Startup files: crt/*</p> <p>4p Dependency: numpydoc<br/>Version: introduced in commit 1751bae<br/>Website: <a href="https://github.com/numpy/numpydoc">https://github.com/numpy/numpydoc</a><br/>License: <a href="https://github.com/numpy/numpydoc/blob/master/LICENSE.txt">https://github.com/numpy/numpydoc/blob/master/LICENSE.txt</a></p> <p>Copyright (C) 2008 Stefan van der Walt , Pauli Virtanen</p> <p>See <a href="#">Appendix M</a></p> <p>4p Dependency: bottleneck<br/>Version: introduced in commit 1751bae<br/>Website: <a href="https://github.com/pydata/bottleneck">https://github.com/pydata/bottleneck</a><br/>License: <a href="https://bottleneck.readthedocs.io/en/latest/license.html">https://bottleneck.readthedocs.io/en/latest/license.html</a></p> <p>Copyright (c) 2010-2019 Keith Goodman Copyright (c) 2019 Bottleneck Developers All rights reserved.</p> <p>See <a href="#">Appendix M</a></p> <p>4p Dependency: google-api-python-client<br/>Version: introduced in commit f485176<br/>Website: <a href="https://github.com/googleapis/google-api-python-client">https://github.com/googleapis/google-api-python-client</a><br/>License: <a href="https://github.com/pandas-dev/pandas/blob/master/LICENSES/OTHER">https://github.com/pandas-dev/pandas/blob/master/LICENSES/OTHER</a></p> <p>Copyright (C) 2012 Google Inc.<br/>All rights reserved.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Licensed under the Apache License, Version 2.0 (the "License");<br/>you may not use this file except in compliance with the License.<br/>You may obtain a copy of the License at</p> <p><a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Unless required by applicable law or agreed to in writing, software<br/>distributed under the License is distributed on an "AS IS" BASIS,<br/>WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.<br/>See the License for the specific language governing permissions and<br/>limitations under the License.</p> <p>4p Dependency: Pyperclip<br/>Version: 1.3<br/>Website: <a href="https://github.com/asweigart/pyperclip">https://github.com/asweigart/pyperclip</a><br/>License: <a href="https://github.com/pandas-dev/pandas/blob/master/LICENSES/OTHER">https://github.com/pandas-dev/pandas/blob/master/LICENSES/OTHER</a></p> <p>Copyright (c) 2010, Albert Sweigart<br/>All rights reserved.</p> <p>BSD-style license:</p> <p>See <a href="#">Appendix M</a></p> <p>4p Dependency: sas7bdat<br/>Version: introduced in commit 23810e5<br/>Website: <a href="https://bitbucket.org/jaredhobbs/sas7bdat/src/master/">https://bitbucket.org/jaredhobbs/sas7bdat/src/master/</a><br/>License: <a href="https://github.com/pandas-dev/pandas/blob/master/LICENSES/SAS7BDAT_LICENSE">https://github.com/pandas-dev/pandas/blob/master/LICENSES/SAS7BDAT_LICENSE</a></p> <p>Copyright (c) 2015 Jared Hobbs</p> <p>Permission is hereby granted</p> <p>MIT License See <a href="#">Appendix G</a></p> <p>4p Dependency: scipy<br/>Version: introduced in commit d2a61c3<br/>Website: <a href="https://www.scipy.org/">https://www.scipy.org/</a><br/>License: <a href="https://github.com/pandas-dev/pandas/blob/master/LICENSES/SCIPY_LICENSE">https://github.com/pandas-dev/pandas/blob/master/LICENSES/SCIPY_LICENSE</a></p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Copyright (c) 2001, 2002 Enthought, Inc.<br/>All rights reserved.</p> <p>Copyright (c) 2003-2012 SciPy Developers.<br/>All rights reserved.</p> <p>See <a href="#">Appendix M</a></p> <p>4p Dependency: ujson<br/>Version: introduced in commit 4aff800<br/>Website: <a href="https://github.com/ultrajson/ultrajson">https://github.com/ultrajson/ultrajson</a><br/>License: <a href="https://github.com/pandas-dev/pandas/blob/master/LICENSES/ULTRAJSON_LICENSE">https://github.com/pandas-dev/pandas/blob/master/LICENSES/ULTRAJSON_LICENSE</a></p> <p>Copyright (c) 2011-2013, ESN Social Software AB<br/>and Jonas Tarnstrom<br/>All rights reserved.</p> <p>See <a href="#">Appendix M</a></p> <p>Portions of code from MODP_ASCII - Ascii<br/>transformations (upper/lower, etc)<br/><a href="https://github.com/client9/stringencoders">https://github.com/client9/stringencoders</a><br/>Copyright (c) 2007 Nick Galbreath -- nickg [at]<br/>modp [dot] com. All rights reserved.</p> <p>Numeric decoder derived from from TCL library<br/><a href="http://www.opensource.apple.com/source/tcl/tcl-14/tcl/license.terms">http://www.opensource.apple.com/source/tcl/tcl-14/tcl/license.terms</a><br/>* Copyright (c) 1988-1993 The Regents of the<br/>University of California.<br/>* Copyright (c) 1994 Sun Microsystems, Inc.</p> <p>4p Dependency: xarray<br/>Version: introduced in commit eee83e2<br/>Website: <a href="https://github.com/pydata/xarray/tree/stable">https://github.com/pydata/xarray/tree/stable</a><br/>License: <a href="https://github.com/pandas-dev/pandas/blob/master/LICENSES/XARRAY_LICENSE">https://github.com/pandas-dev/pandas/blob/master/LICENSES/XARRAY_LICENSE</a></p> <p>Apache License<br/>Version 2.0, January 2004<br/><a href="http://www.apache.org/licenses/">http://www.apache.org/licenses/</a></p> <p>APACHE 2.0 - See <a href="#">Appendix E</a></p> <p>END OF TERMS AND CONDITIONS</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>APPENDIX: How to apply the Apache License to your work</p> <p>To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[ ]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.</p> <p>Copyright [yyyy] [name of copyright owner]</p> <p>Licensed under the Apache License, Version 2.0 (the "License");<br/>you may not use this file except in compliance with the License.<br/>You may obtain a copy of the License at</p> <p><a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS,<br/>WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.<br/>See the License for the specific language governing permissions and limitations under the License.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider     | Component (s)  | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|--------------|----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Jeff Forcier | Paramiko 3.0.0 | <p>COPYRIGHT:</p> <p>Copyright: Copyright (c) 2009 Robey Pointer</p> <p>Copyright: Copyright (c) 2020 Jeff Forcier</p> <p>LICENSE: LGPL v2.1</p> <p>GNU LESSER GENERAL PUBLIC LICENSE</p> <p>Version 2.1, February 1999</p> <p>Copyrigh</p> <p>...</p> <p>...</p> <p>...</p> <p>COPYRIGHT:</p> <p>Copyright: Copyright (c) 2009 Robey Pointer<br/>&lt;robeypointer@gmail.com&gt;</p> <p>Copyright: Copyright (c) 2020 Jeff Forcier<br/>&lt;jeff@bitprophet.org&gt;</p> <p>LICENSE: LGPL v2.1</p> <p>GNU LESSER GENERAL PUBLIC LICENSE</p> <p>Version 2.1, February 1999</p> <p>Copyright (C) 1991, 1999 Free Software Foundation, Inc.<br/>51 Franklin Street, Suite 500, Boston, MA 02110-1335 USA</p> <p>Everyone is permitted to copy and distribute verbatim copies<br/>of this license document, but changing it is not allowed.</p> <p>[This is the first released version of the Lesser GPL. It also<br/>counts</p> <p>as the successor of the GNU Library Public License, version<br/>2, hence</p> <p>the version number 2.1.]</p> <p>Preamble</p> <p>The licenses for most software are designed to take away<br/>your</p> <p>freedom to share and change it. By contrast, the GNU<br/>General Public</p> <p>Licenses are intended to guarantee your freedom to share<br/>and change</p> <p>free software--to make sure the software is free for all its<br/>users.</p> <p>This license, the Lesser General Public License, applies to<br/>some</p> <p>specially designated software packages--typically libraries--<br/>of the</p> <p>Free Software Foundation and other authors who decide to<br/>use it. You</p> <p>can use it too, but we suggest you first think carefully about<br/>whether</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>this license or the ordinary General Public License is the better strategy to use in any particular case, based on the explanations below.</p> <p>When we speak of free software, we are referring to freedom of use, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish); that you receive source code or can get it if you want it; that you can change the software and use pieces of it in new free programs; and that you are informed that you can do these things.</p> <p>To protect your rights, we need to make restrictions that forbid distributors to deny you these rights or to ask you to surrender these rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library or if you modify it. For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link other code with the library, you must provide complete object files to the recipients, so that they can relink them with the library after making changes to the library and recompiling it. And you must show them these terms so they know their rights.</p> <p>We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives you legal permission to copy, distribute and/or modify the library.</p> <p>To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>author's reputation will not be affected by problems that might be introduced by others.</p> <p>Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.</p> <p>Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.</p> <p>When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.</p> <p>We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>libraries. However, the Lesser license provides advantages in certain special circumstances.</p> <p>For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.</p> <p>In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.</p> <p>Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.</p> <p>The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.</p> <p>GNU LESSER GENERAL PUBLIC LICENSE<br/>TERMS AND CONDITIONS FOR COPYING,<br/>DISTRIBUTION AND MODIFICATION</p> <p>0. This License Agreement applies to any software library or other</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>program which contains a notice placed by the copyright holder or</p> <p>other authorized party saying it may be distributed under the terms of</p> <p>this Lesser General Public License (also called "this License").</p> <p>Each licensee is addressed as "you".</p> <p>A "library" means a collection of software functions and/or data</p> <p>prepared so as to be conveniently linked with application programs</p> <p>(which use some of those functions and data) to form executables.</p> <p>The "Library", below, refers to any such software library or work</p> <p>which has been distributed under these terms. A "work based on the</p> <p>Library" means either the Library or any derivative work under</p> <p>copyright law: that is to say, a work containing the Library or a</p> <p>portion of it, either verbatim or with modifications and/or translated</p> <p>straightforwardly into another language. (Hereinafter, translation is</p> <p>included without limitation in the term "modification".)</p> <p>"Source code" for a work means the preferred form of the work for</p> <p>making modifications to it. For a library, complete source code means</p> <p>all the source code for all modules it contains, plus any associated</p> <p>interface definition files, plus the scripts used to control compilation</p> <p>and installation of the library.</p> <p>Activities other than copying, distribution and modification are not</p> <p>covered by this License; they are outside its scope. The act of</p> <p>running a program using the Library is not restricted, and output from</p> <p>such a program is covered only if its contents constitute a work based</p> <p>on the Library (independent of the use of the Library in a tool for</p> <p>writing it). Whether that is true depends on what the Library does</p> <p>and what the program that uses the Library does.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.</p> <p>You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.</p> <p>2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:</p> <p>a) The modified work must itself be a software library.</p> <p>b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.</p> <p>c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.</p> <p>d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.</p> <p>(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>be optional: if the application does not supply it, the square root function must still compute square roots.)</p> <p>These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.</p> <p>Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.</p> <p>In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.</p> <p>3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.</p> <p>This option is useful when you wish to copy part of the code of the Library into a program that is not a library.</p> <p>4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.</p> <p>If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.</p> <p>5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.</p> <p>However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.</p> <p>When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law. If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)</p> <p>Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6.</p> <p>Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.</p> <p>6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.</p> <p>You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:</p> <p>a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)</p> <p>b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.</p> <p>c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.</p> <p>d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.</p> <p>e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.</p> <p>For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.</p> <p>It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.</p> <p>7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:</p> <p>a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.</p> <p>b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.</p> <p>8. You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense, link with, or distribute the Library is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.</p> <p>9. You are not required to accept this License, since you have not</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>signed it. However, nothing else grants you permission to modify or distribute the Library or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Library (or any work based on the Library), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Library or works based on it.</p> <p>10. Each time you redistribute the Library (or any work based on the Library), the recipient automatically receives a license from the original licensor to copy, distribute, link with or modify the Library subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties with this License.</p> <p>11. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Library at all. For example, if a patent license would not permit royalty-free redistribution of the Library by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Library.</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances.</p> <p>It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.</p> <p>This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.</p> <p>12. If the distribution and/or use of the Library is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Library under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.</p> <p>13. The Free Software Foundation may publish revised and/or new versions of the Lesser General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns. Each version is given a distinguishing version number. If the Library</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>specifies a version number of this License which applies to it and</p> <p>"any later version", you have the option of following the terms and</p> <p>conditions either of that version or of any later version published by</p> <p>the Free Software Foundation. If the Library does not specify a</p> <p>license version number, you may choose any version ever published by</p> <p>the Free Software Foundation.</p> <p>14. If you wish to incorporate parts of the Library into other free</p> <p>programs whose distribution conditions are incompatible with these,</p> <p>write to the author to ask for permission. For software which is</p> <p>copyrighted by the Free Software Foundation, write to the Free</p> <p>Software Foundation; we sometimes make exceptions for this. Our</p> <p>decision will be guided by the two goals of preserving the free status</p> <p>of all derivatives of our free software and of promoting the sharing</p> <p>and reuse of software generally.</p> <p>NO WARRANTY</p> <p>15. BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO</p> <p>WARRANTY FOR THE LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW.</p> <p>EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR</p> <p>OTHER PARTIES PROVIDE THE LIBRARY "AS IS" WITHOUT WARRANTY OF ANY</p> <p>KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE</p> <p>IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR</p> <p>PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE</p> <p>LIBRARY IS WITH YOU. SHOULD THE LIBRARY PROVE DEFECTIVE, YOU ASSUME</p> <p>THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.</p> <p>16. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>           WRITING WILL ANY COPYRIGHT HOLDER, OR ANY<br/>           OTHER PARTY WHO MAY MODIFY<br/>           AND/OR REDISTRIBUTE THE LIBRARY AS PERMITTED<br/>           ABOVE, BE LIABLE TO YOU<br/>           FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL,<br/>           INCIDENTAL OR<br/>           CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE<br/>           OR INABILITY TO USE THE<br/>           LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF<br/>           DATA OR DATA BEING<br/>           RENDERED INACCURATE OR LOSSES SUSTAINED BY<br/>           YOU OR THIRD PARTIES OR A<br/>           FAILURE OF THE LIBRARY TO OPERATE WITH ANY<br/>           OTHER SOFTWARE), EVEN IF<br/>           SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED<br/>           OF THE POSSIBILITY OF SUCH<br/>           DAMAGES.<br/>           END OF TERMS AND CONDITIONS<br/> <br/>           =====<br/>           4P Dependencies:<br/> <br/>           bcrypt<br/>           COPYRIGHT: Copyright (c) 2013 Donald Stufft<br/>           LICENSE: Apache 2.0<br/> <br/>           Apache License<br/>           Version 2.0, January 2004<br/> <a href="http://www.apache.org/licenses/">http://www.apache.org/licenses/</a><br/>           TERMS AND CONDITIONS FOR USE, REPRODUCTION,<br/>           AND DISTRIBUTION<br/> <br/>           1. Definitions.<br/> <br/>           "License" shall mean the terms and conditions for use,<br/>           reproduction,<br/>           and distribution as defined by Sections 1 through 9 of this<br/>           document.<br/> <br/>           "Licensor" shall mean the copyright owner or entity<br/>           authorized by<br/>           the copyright owner that is granting the License.<br/> <br/>           "Legal Entity" shall mean the union of the acting entity and<br/>           all<br/>           other entities that control, are controlled by, or are under<br/>           common<br/>           control with that entity. For the purposes of this definition,<br/>           "control" means (i) the power, direct or indirect, to cause the<br/>           direction or management of such entity, whether by contract<br/>           or         </p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.</p> <p>"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.</p> <p>"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.</p> <p>"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.</p> <p>"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).</p> <p>"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.</p> <p>"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>to the Licensor or its representatives, including but not limited to</p> <p>communication on electronic mailing lists, source code control systems,</p> <p>and issue tracking systems that are managed by, or on behalf of, the</p> <p>Licensor for the purpose of discussing and improving the Work, but</p> <p>excluding communication that is conspicuously marked or otherwise</p> <p>designated in writing by the copyright owner as "Not a Contribution."</p> <p>"Contributor" shall mean Licensor and any individual or Legal Entity</p> <p>on behalf of whom a Contribution has been received by Licensor and</p> <p>subsequently incorporated within the Work.</p> <p>2. Grant of Copyright License. Subject to the terms and conditions of</p> <p>this License, each Contributor hereby grants to You a perpetual,</p> <p>worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the</p> <p>Work and such Derivative Works in Source or Object form.</p> <p>3. Grant of Patent License. Subject to the terms and conditions of</p> <p>this License, each Contributor hereby grants to You a perpetual,</p> <p>worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made,</p> <p>use, offer to sell, sell, import, and otherwise transfer the Work,</p> <p>where such license applies only to those patent claims licensable</p> <p>by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s)</p> <p>with the Work to which such Contribution(s) was submitted. If You</p> <p>institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work</p> <p>or a Contribution incorporated within the Work constitutes direct</p> <p>or contributory patent infringement, then any patent licenses</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>granted to You under this License for that Work shall terminate as of the date such litigation is filed.</p> <p>4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:</p> <p>(a) You must give any other recipients of the Work or Derivative Works a copy of this License; and</p> <p>(b) You must cause any modified files to carry prominent notices stating that You changed the files; and</p> <p>(c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and</p> <p>(d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.</p> <p>You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.</p> <p>5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.</p> <p>6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.</p> <p>7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.</p> <p>8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.</p> <p>9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.</p> <p>END OF TERMS AND CONDITIONS</p> <p>=====</p> <p>cryptography</p> <p>COPYRIGHT:</p> <p>Copyright (c) Individual contributors.</p> <p>See Authors File: <a href="https://github.com/pyca/cryptography/blob/1.5/AUTHORS.rst">https://github.com/pyca/cryptography/blob/1.5/AUTHORS.rst</a></p> <p>LICENSE: Apache 2.0 + BSD</p> <p>This software is made available under the terms of *either* of the licenses found in LICENSE.APACHE or LICENSE.BSD. Contributions to cryptography are made under the terms of *both* these licenses.</p> <p>Apache 2.0: <a href="https://github.com/pyca/cryptography/blob/1.5/LICENSE.APACHE">https://github.com/pyca/cryptography/blob/1.5/LICENSE.APACHE</a></p> <p>BSD:</p> <p>Copyright (c) Individual contributors.</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>All rights reserved.</p> <p>Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:</p> <ol style="list-style-type: none"> <li>1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.</li> <li>2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.</li> <li>3. Neither the name of PyCA Cryptography nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.</li> </ol> <p>THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>=====</p> <p>pynacl</p> <p>COPYRIGHT: Copyright 2013 Donald Stufft and individual contributors</p> <p>LICENSE: Apache 2.0 <a href="https://github.com/pyca/pynacl/blob/1.0.1/LICENSE">https://github.com/pyca/pynacl/blob/1.0.1/LICENSE</a></p> <p>Additional dependencies of 4th party libraries:</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>=====</p> <p><a href="https://pypi.org/project/cffi/">https://pypi.org/project/cffi/</a></p> <p>-----</p> <p>License: MIT (LICENSE file):</p> <p>Except when otherwise stated (look for LICENSE files in directories or information at the beginning of each file) all software and documentation is licensed as follows:</p> <p>The MIT License</p> <p>Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:</p> <p>The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.</p> <p>THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.</p> <p>(none included)</p> <p><a href="https://pypi.org/project/pycparser/">https://pypi.org/project/pycparser/</a></p> <p>-----</p> <p>License: BSD/3 (LICENSE file):</p> <p>pycparser -- A C parser in Python</p> <p>Copyright (c) 2008-2017, Eli Bendersky</p> <p>All rights reserved.</p> <p>Redistribution and use in source and binary forms, with or without modification,</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>are permitted provided that the following conditions are met:</p> <ul style="list-style-type: none"> <li>* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.</li> <li>* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.</li> <li>* Neither the name of Eli Bendersky nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.</li> </ul> <p>THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider        | Component (s)                                                              | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-----------------|----------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CloudBees, Inc. | Pipeline Plugin 590.v6a_d052e5a_a_b_5<br>Pipeline Plugin 596.v8c21c963d92d | <p>Pipeline plugin, 2.6<br/>~ The MIT License<br/>~<br/>~ Copyright (c) 2013-2014, CloudBees, Inc.<br/>~<br/>MIT License See <a href="#">Appendix G</a></p> <p>-----</p> <p>Pipeline: API (workflow-api) v2.47<br/>MIT License<br/>Copyright (c) 2013-2021 CloudBees, Inc.<br/>MIT License See <a href="#">Appendix G</a><br/>workflow-job-plugin, 2.42(Pipeline: Job)<br/>~ The MIT License<br/>~<br/>~ Copyright (c) 2013-2014, CloudBees, Inc.<br/>~<br/>MIT License See <a href="#">Appendix G</a><br/>workflow-basic-steps-plugin 2.24 (Pipeline: Basic Steps)<br/>~ The MIT License<br/>~<br/>~ Copyright (c) 2013-2014, CloudBees, Inc.<br/>~<br/>MIT License See <a href="#">Appendix G</a><br/>workflow-cps 2.94 (Pipeline: Groovy)<br/>~ The MIT License<br/>~<br/>~ Copyright (c) 2013-2014, CloudBees, Inc.<br/>~<br/>MIT License See <a href="#">Appendix G</a><br/>workflow-durable-task-step 2.40 (Pipeline: Nodes and Processes)<br/>~ The MIT License<br/>~<br/>~ Copyright (c) 2013-2014, CloudBees, Inc.<br/>~<br/>MIT License See <a href="#">Appendix G</a><br/>workflow-scm-step 2.13 (Pipeline: SCM Step)<br/>* The MIT License<br/>*<br/>* Copyright 2015 Jesse Glick.<br/>*<br/>MIT License See <a href="#">Appendix G</a><br/>*/</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>workflow-step-api 2.24 (Pipeline: Step API v.2.7)</p> <p>The MIT License</p> <p>~</p> <p>~ Copyright (c) 2013-2014, CloudBees, Inc.</p> <p>~</p> <p>MIT License See <a href="#">Appendix G</a></p> <p>workflow-support 3.8 (Pipeline: Supporting APIs)</p> <p>The MIT License</p> <p>~</p> <p>~ Copyright (c) 2013-2014, CloudBees, Inc.</p> <p>~</p> <p>MIT License See <a href="#">Appendix G</a></p> <p>Pipeline: Stage View v.2.19</p> <p>~ The MIT License</p> <p>~</p> <p>~ Copyright (c) 2013-2016, CloudBees, Inc.</p> <p>~</p> <p>MIT License See <a href="#">Appendix G</a></p> <p>Pipeline: Input Step v.2.12</p> <p>* The MIT License</p> <p>*</p> <p>* Copyright (c) 2017, CloudBees, Inc.</p> <p>*</p> <p>MIT License See <a href="#">Appendix G</a></p> <p>Pipeline: Shared Groovy Libraries v.2.21</p> <p>The MIT License</p> <p>~</p> <p>~ Copyright (c) 2013-2014, CloudBees, Inc.</p> <p>~</p> <p>MIT License See <a href="#">Appendix G</a></p> <p>Pipeline: Multibranch v.2.26</p> <p>The MIT License</p> <p>Copyright 2015, CloudBees, Inc.</p> <p>MIT License See <a href="#">Appendix G</a></p> <p>Pipeline: Declarative v.1.9.2</p> <p>The MIT License</p> <p>~</p> <p>~ Copyright (c) 2016, CloudBees, Inc.</p> <p>~</p> <p>MIT License See <a href="#">Appendix G</a></p> <p>Pipeline: Stage Step v.2.5</p> <p>* The MIT License</p> <p>*</p> <p>* Copyright 2014 Jesse Glick.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>*<br/>MIT License See <a href="#">Appendix G</a><br/>Pipeline: Build Step v.2.15<br/># The MIT License<br/>#<br/># Copyright 2014 Jesse Glick.<br/>#<br/>MIT License See <a href="#">Appendix G</a><br/>Pipeline: Milestone Step v.1.3.2<br/>* The MIT License<br/>*<br/>* Copyright (c) 2016, CloudBees, Inc.<br/>*<br/>MIT License See <a href="#">Appendix G</a><br/>bouncycastle API 2.25 IMPLIED DEPENDENCY ONLY -- No<br/>calls to BC api found within code<br/>~ The MIT License<br/>~<br/>~ Copyright (c) 2016-2021, CloudBees, Inc.<br/>~<br/>MIT License See <a href="#">Appendix G</a><br/>Command Agent Launcher ( command-launcher-plugin)<br/>v.1.06<br/>* The MIT License<br/>*<br/>* Copyright (c) 2004-2009, Sun Microsystems, Inc., Kohsuke<br/>Kawaguchi, Stephen Connolly<br/>*<br/>MIT License See <a href="#">Appendix G</a><br/>script-security-plugin v.1.78<br/>* The MIT License<br/>*<br/>* Copyright 2014 CloudBees, Inc.<br/>*<br/>MIT License See <a href="#">Appendix G</a><br/>JDK Tool (jdk-tool-plugin) v.1.5<br/>/*<br/>* The MIT License<br/>*<br/>* Copyright (c) 2009-2010, Sun Microsystems, Inc.,<br/>CloudBees, Inc.<br/>*<br/>MIT License See <a href="#">Appendix G</a></p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider               | Component (s)                       | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|------------------------|-------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| The Prometheus Authors | Prometheus Go client library 1.12.2 | <p><a href="https://github.com/prometheus/client_golang">github.com/prometheus/client_golang</a></p> <p>----- Copyrights</p> <p>Copyright 2018 The Prometheus Authors</p> <p>Copyright 2012-2015 The Prometheus Authors</p> <p>Copyright 2013-2015 Blake Mizerany, Björn Rabenstein</p> <p>Copyright 2010 The Go Authors</p> <p>Copyright 2013 Matt T. Proud</p> <p>Copyright 2015 The Prometheus Authors</p> <p>Copyright 2017 The Prometheus Authors</p> <p>Copyright 2019 The Prometheus Authors</p> <p>Copyright 2014 The Prometheus Authors</p> <p>Copyright 2021 The Prometheus Authors</p> <p>Copyright 2016 The Prometheus Authors</p> <p>Copyright 2020 The Prometheus Authors</p> <p>Copyright (c) 2013, The Prometheus Authors</p> <p>----- Notices</p> <p>Prometheus instrumentation library for Go applications</p> <p>Copyright 2012-2015 The Prometheus Authors</p> <p>This product includes software developed at SoundCloud Ltd. (<a href="http://soundcloud.com/">http://soundcloud.com/</a>).</p> <p>The following components are included in this product:</p> <p>perks - a fork of <a href="https://github.com/bmizerany/perks">https://github.com/bmizerany/perks</a></p> <p><a href="https://github.com/beorn7/perks">https://github.com/beorn7/perks</a></p> <p>Copyright 2013-2015 Blake Mizerany, Björn Rabenstein</p> <p>See <a href="https://github.com/beorn7/perks/blob/master/README.md">https://github.com/beorn7/perks/blob/master/README.md</a> for license details.</p> <p>Go support for Protocol Buffers - Google's data interchange format</p> <p><a href="http://github.com/golang/protobuf/">http://github.com/golang/protobuf/</a></p> <p>Copyright 2010 The Go Authors</p> <p>See source code for license details.</p> <p>Support for streaming Protocol Buffer messages for the Go language (golang).</p> <p><a href="https://github.com/mattproud/golang_protobuf_extensions">https://github.com/mattproud/golang_protobuf_extensions</a></p> <p>Copyright 2013 Matt T. Proud</p> <p>Licensed under the Apache License, Version 2.0</p> <p>----- License</p> <p>SPDX:Apache-2.0</p> <p>Apache License</p> <p>Version 2.0, January 2004</p> <p><a href="http://www.apache.org/licenses/">http://www.apache.org/licenses/</a></p> <p>See <a href="#">Appendix E</a></p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>----- Dependencies Grouped by License<br/>-----</p> <p>----- Dependency<br/>github.com/matttproud/golang_protobuf_extensions</p> <p>----- Copyrights<br/>Copyright 2012 Matt T. Proud (matt.proud@gmail.com)<br/>Copyright 2013 Matt T. Proud<br/>Copyright 2016 Matt T. Proud</p> <p>----- Notices<br/>Copyright 2012 Matt T. Proud (matt.proud@gmail.com)</p> <p>----- Dependency<br/>github.com/modern-go/concurrent</p> <p>----- Copyrights<br/>(no copyright notices found)</p> <p>----- Dependency<br/>github.com/modern-go/reflect2</p> <p>----- Copyrights<br/>(no copyright notices found)</p> <p>----- Dependency<br/>github.com/prometheus/client_model</p> <p>----- Copyrights<br/>Copyright 2013 Prometheus Team<br/>Copyright 2012-2015 The Prometheus Authors</p> <p>----- Notices<br/>Data model artifacts for Prometheus.<br/>Copyright 2012-2015 The Prometheus Authors<br/>This product includes software developed at<br/>SoundCloud Ltd. (<a href="http://soundcloud.com/">http://soundcloud.com/</a>).</p> <p>----- Dependency<br/>github.com/prometheus/common</p> <p>----- Copyrights<br/>Copyright 2018 The Prometheus Authors<br/>Copyright 2015 The Prometheus Authors<br/>Copyright 2016 The Prometheus Authors<br/>Copyright 2021 The Prometheus Authors<br/>Copyright 2014 The Prometheus Authors<br/>Copyright 2020 The Prometheus Authors<br/>Copyright (c) 2011, Open Knowledge Foundation Ltd.<br/>Copyright 2013 The Prometheus Authors<br/>Copyright 2019 The Prometheus Authors<br/>Copyright 2017 The Prometheus Authors</p> <p>----- Notices<br/>Common libraries shared by Prometheus Go components.</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Copyright 2015 The Prometheus Authors</p> <p>This product includes software developed at SoundCloud Ltd. (<a href="http://soundcloud.com/">http://soundcloud.com/</a>).</p> <p>----- Dependency</p> <p><a href="https://github.com/prometheus/procfs">github.com/prometheus/procfs</a></p> <p>----- Copyrights</p> <p>Copyright 2018 The Prometheus Authors</p> <p>Copyright 2014-2015 The Prometheus Authors</p> <p>Copyright 2019 The Prometheus Authors</p> <p>Copyright 2017 The Prometheus Authors</p> <p>Copyright 2020 The Prometheus Authors</p> <p>Copyright 2014 Prometheus Team</p> <p>Copyright 2017 Prometheus Team</p> <p>----- Notices</p> <p>procfs provides functions to retrieve system, kernel and process</p> <p>metrics from the pseudo-file-system proc.</p> <p>Copyright 2014-2015 The Prometheus Authors</p> <p>This product includes software developed at SoundCloud Ltd. (<a href="http://soundcloud.com/">http://soundcloud.com/</a>).</p> <p>----- Dependencies Summary</p> <p><a href="https://github.com/matttproud/golang_protobuf_extensions">github.com/matttproud/golang_protobuf_extensions</a></p> <p><a href="https://github.com/modern-go/concurrent">github.com/modern-go/concurrent</a></p> <p><a href="https://github.com/modern-go/reflect2">github.com/modern-go/reflect2</a></p> <p><a href="https://github.com/prometheus/client_model">github.com/prometheus/client_model</a></p> <p><a href="https://github.com/prometheus/common">github.com/prometheus/common</a></p> <p><a href="https://github.com/prometheus/procfs">github.com/prometheus/procfs</a></p> <p>----- License used by Dependencies</p> <p>SPDX:Apache-2.0</p> <p>Apache License</p> <p>Version 2.0, January 2004</p> <p><a href="http://www.apache.org/licenses/">http://www.apache.org/licenses/</a></p> <p>See <a href="#">Appendix E</a></p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider               | Component (s)                      | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|------------------------|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| The Prometheus Authors | Prometheus Java Simpleclient 0.9.0 | <p>Prometheus instrumentation library for JVM applications<br/>Copyright 2012-2015 The Prometheus Authors</p> <p>This product includes software developed at<br/>Boxever Ltd. (<a href="http://www.boxever.com/">http://www.boxever.com/</a>).</p> <p>This product includes software developed at<br/>SoundCloud Ltd. (<a href="http://soundcloud.com/">http://soundcloud.com/</a>).</p> <p>This product includes software developed as part of the<br/>Ocelli project by Netflix Inc. (<a href="https://github.com/Netflix/ocelli/">https://github.com/Netflix/ocelli/</a>).</p> <p>APACHE 2.0 -<br/>See <a href="#">Appendix E</a></p> <p>----- Dependencies Grouped by License<br/>-----</p> <p>----- Dependency<br/><a href="https://github.com/golang/protobuf">github.com/golang/protobuf</a></p> <p>----- Copyrights<br/>Copyright 2010 The Go Authors. All rights reserved.<br/>Copyright 2016 The Go Authors. All rights reserved.<br/>Copyright 2020 The Go Authors. All rights reserved.<br/>Copyright 2019 The Go Authors. All rights reserved.<br/>Copyright 2018 The Go Authors. All rights reserved.<br/>Copyright 2015 The Go Authors. All rights reserved.<br/>Copyright 2017 The Go Authors. All rights reserved.<br/>Copyright 2010 The Go Authors. All rights reserved.<br/>Copyright 2014 The Go Authors. All rights reserved.<br/>Copyright 2011 The Go Authors. All rights reserved.<br/>Copyright 2015 The Go Authors. All rights reserved.</p> <p>----- Dependency<br/><a href="https://golang.org/x/sys">golang.org/x/sys</a></p> <p>----- Copyrights<br/>Copyright (c) 2009 The Go Authors. All rights reserved.<br/>Copyright 2019 The Go Authors. All rights reserved.<br/>Copyright 2018 The Go Authors. All rights reserved.<br/>Copyright 2020 The Go Authors. All rights reserved.<br/>Copyright 2012 The Go Authors. All rights reserved.<br/>Copyright 2011 The Go Authors. All rights reserved.<br/>Copyright 2015 The Go Authors. All rights reserved.<br/>Copyright 2009 The Go Authors. All rights reserved.<br/>Copyright 2013 The Go Authors. All rights reserved.<br/>Copyright 2016 The Go Authors. All rights reserved.<br/>Copyright 2017 The Go Authors. All rights reserved.<br/>Copyright 2010 The Go Authors. All rights reserved.<br/>Copyright 2014 The Go Authors. All rights reserved.<br/>Copyright 2021 The Go Authors. All rights reserved.<br/>Copyright 2009,2010 The Go Authors. All rights reserved.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Copyright 2017 The Go Authors. All right reserved.</p> <p>----- Patents</p> <p>Additional IP Rights Grant (Patents)</p> <p>"This implementation" means the copyrightable works distributed by Google as part of the Go project.</p> <p>Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.</p> <p>----- Dependency</p> <p><a href="https://google.golang.org/protobuf">google.golang.org/protobuf</a></p> <p>----- Copyrights</p> <p>Copyright (c) 2018 The Go Authors. All rights reserved.</p> <p>Copyright 2018 The Go Authors. All rights reserved.</p> <p>Copyright 2019 The Go Authors. All rights reserved.</p> <p>Copyright 2020 The Go Authors. All rights reserved.</p> <p>Copyright 2019 The Go Authors. All rights reserved.",</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Copyright 2018 The Go Authors. All rights reserved.",<br/> Copyright 2008 Google Inc. All rights reserved.<br/> Copyright 2021 The Go Authors. All rights reserved.</p> <p>----- Patents</p> <p>Additional IP Rights Grant (Patents)</p> <p>"This implementation" means the copyrightable works distributed by Google as part of the Go project.</p> <p>Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.</p> <p>----- Dependencies Summary</p> <p><a href="https://github.com/golang/protobuf">github.com/golang/protobuf</a><br/> <a href="https://golang.org/x/sys">golang.org/x/sys</a><br/> <a href="https://google.golang.org/protobuf">google.golang.org/protobuf</a></p> <p>----- License used by Dependencies</p> <p>SPDX:BSD-3-Clause--modified-by-Google</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:</p> <ul style="list-style-type: none"> <li>* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.</li> <li>* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.</li> <li>* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.</li> </ul> <p>THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>----- Dependencies Grouped by License -----</p> <p>----- Dependency</p> <p><a href="https://github.com/beorn7/perks">github.com/beorn7/perks</a></p> <p>----- Copyrights</p> <p>Copyright (C) 2013 Blake Mizerany</p> <p>----- Dependency</p> <p><a href="https://github.com/cespare/xxhash/v2">github.com/cespare/xxhash/v2</a></p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>----- Copyrights<br/>Copyright (c) 2016 Caleb Spare</p> <p>----- Dependency<br/>github.com/json-iterator/go</p> <p>----- Copyrights<br/>Copyright (c) 2016 json-iterator</p> <p>----- Dependencies Summary<br/>github.com/beorn7/perks<br/>github.com/cespare/xxhash/v2<br/>github.com/json-iterator/go</p> <p>----- License used by Dependencies<br/>SPDX:MIT<br/>See <a href="#">Appendix G</a></p> <p>-----<br/>golang.org/x/text<br/>-----</p> <p>Copyright (c) 2009 The Go Authors. All rights reserved.<br/>Copyright 2016 The Go Authors. All rights reserved.</p> <p>Use of this source code is governed by a BSD-style license that can be found in the LICENSE file.</p> <p>----- PATENT -----<br/>Additional IP Rights Grant (Patents)</p> <p>"This implementation" means the copyrightable works distributed by Google as part of the Go project.</p> <p>Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider               | Component (s)                                                                                         | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|------------------------|-------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                        |                                                                                                       | <p>order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.</p> <p>----- LICENSE -----</p> <p>See <a href="#">Appendix M</a></p>                                                        |
| The Prometheus Authors | Prometheus Python Client 0.11.0<br>Prometheus Python Client 0.15.0<br>Prometheus Python Client 0.17.0 | <p>Prometheus instrumentation library for Python applications<br/>           Copyright 2015 The Prometheus Authors<br/>           This product bundles decorator 4.0.10 which is available under a "2-clause BSD" license. For details, see prometheus_client/decorator.py.</p> <p>APACHE 2.0 - See <a href="#">Appendix E</a></p> <pre>#####4th party##### client_python contains an embedded release of decorator 4.0.10 (https://github.com/micheles/ decorator), see decorator.py. # Copyright (c) 2005-2016, Michele Simionato # All rights reserved. #</pre> <p>See <a href="#">Appendix M</a></p> |
| Kirill Simonov         | pyyaml 6.0.1                                                                                          | <p>Copyright (c) 2017-2021 Ingy döt Net<br/>           Copyright (c) 2006-2016 Kirill Simonov</p> <p>License name: MIT</p> <p>See <a href="#">Appendix G</a></p>                                                                                                                                                                                                                                                                                                                                                                                                                                         |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider    | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-------------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| pgjones.dev | Quart 0.19.3  | <p>TOP-LEVEL COPYRIGHT NOTICE for Quart -&gt; 0.15.1<br/>RELEASE -----separator----- TOP-LEVEL LICENSE<br/>TEXT for Quart -&gt; 0.15.1 RELEASE MIT License Copyright<br/>P G Jones 2017.<br/>See <a href="#">Appendix G</a></p> <p>-----separator-----</p> <p>FOURTH-PARTY DEPENDENCY #1 aiofiles 0.7.0 FOURTH-<br/>PARTY DEPENDENCY #1 COPYRIGHT And LICENSE<br/>NOTICES<br/>APACHE 2.0 - See <a href="#">Appendix E</a> -----separator-----</p> <p>FOURTH-PARTY DEPENDENCY #2 blinker: 1.4 FOURTH-<br/>PARTY DEPENDENCY #2 COPYRIGHT And LICENSE<br/>NOTICES MIT License Copyright (c) The Blinker authors and<br/>contributors<br/>See <a href="#">Appendix G</a></p> <p>-----separator----- FOURTH-PARTY DEPENDENCY #3<br/>click: 8.0.1 FOURTH-PARTY DEPENDENCY #3<br/>COPYRIGHT And LICENSE NOTICES Copyright 2014<br/>Pallets R<br/>See <a href="#">Appendix M</a></p> <p>-----separator----- FOURTH-PARTY DEPENDENCY #4<br/>h11: 0.12.0 FOURTH-PARTY DEPENDENCY #4<br/>COPYRIGHT And LICENSE NOTICES MIT License The MIT<br/>License (MIT) Copyright (c) 2016 Nathaniel J. Smith and<br/>other contributors<br/>See <a href="#">Appendix G</a></p> <p>-----separator----- FOURTH-PARTY DEPENDENCY #5<br/>h2: 4.0.0 FOURTH-PARTY DEPENDENCY #5 COPYRIGHT<br/>And LICENSE NOTICES The MIT License (MIT) Copyright<br/>(c) 2015-2020 Cory Benfield and contributors<br/>See <a href="#">Appendix G</a></p> <p>-----separator----- FOURTH-PARTY DEPENDENCY #6<br/>hypercorn: 0.11.2 FOURTH-PARTY DEPENDENCY #6<br/>COPYRIGHT And LICENSE NOTICES MIT License<br/>Copyright P G Jones 2018.<br/>See <a href="#">Appendix G</a></p> <p>-----separator----- FOURTH-PARTY DEPENDENCY #7<br/>hyperframe: 6.0.1 FOURTH-PARTY DEPENDENCY #7<br/>COPYRIGHT And LICENSE NOTICES The MIT License<br/>(MIT) Copyright (c) 2014 Cory Benfield<br/>See <a href="#">Appendix G</a></p> <p>-----separator----- FOURTH-PARTY DEPENDENCY #8<br/>itsdangerous: 2.0.1 FOURTH-PARTY DEPENDENCY #8<br/>COPYRIGHT And LICENSE NOTICES BSD 3-Clause "New"<br/>or "Revised" License Copyright 2011 Pallets<br/>See <a href="#">Appendix M</a></p> <p>-----separator----- FOURTH-PARTY DEPENDENCY #9<br/>jinja2: 3.0.1 FOURTH-PARTY DEPENDENCY #9<br/>COPYRIGHT And LICENSE NOTICES BSD 3-Clause "New"<br/>or "Revised" License Copyright 2007 Pallets<br/>See <a href="#">Appendix M</a></p> <p>. -----separator----- FOURTH-PARTY DEPENDENCY<br/>#10 MarkupSafe: 2.0.1 FOURTH-PARTY DEPENDENCY</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>#10 COPYRIGHT And LICENSE NOTICES BSD 3-Clause "New" or "Revised" License Copyright 2010 Pallets<br/>See <a href="#">Appendix M</a></p> <p>-----separator----- FOURTH-PARTY DEPENDENCY<br/>#11 priority: 1.3.0 FOURTH-PARTY DEPENDENCY #11<br/>COPYRIGHT And LICENSE NOTICES MIT License<br/>Copyright (c) 2015 Cory Benfield<br/>See <a href="#">Appendix G</a></p> <p>-----separator----- FOURTH-PARTY DEPENDENCY<br/>#12 toml: 0.10.2 FOURTH-PARTY DEPENDENCY #12<br/>COPYRIGHT And LICENSE NOTICES The MIT License<br/>Copyright 2013-2019 William Pearson Copyright 2015-2016<br/>Julien Enselme Copyright 2016 Google Inc. Copyright 2017<br/>Samuel Vasko Copyright 2017 Nate Prewitt Copyright 2017<br/>Jack Evans Copyright 2019 Filippo Broggin<br/>See <a href="#">Appendix G</a></p> <p>-----separator----- FOURTH-PARTY DEPENDENCY<br/>#13 Werkzeug: 2.0.1 FOURTH-PARTY DEPENDENCY #13<br/>COPYRIGHT And LICENSE NOTICES BSD 3-Clause "New"<br/>or "Revised" License Copyright 2007 Pallets<br/>See <a href="#">Appendix M</a></p> <p>-----separator----- FOURTH-PARTY DEPENDENCY<br/>#14 wsproto: 1.0.0 FOURTH-PARTY DEPENDENCY #14<br/>COPYRIGHT And LICENSE NOTICES The MIT License<br/>(MIT) Copyright (c) 2017 Benno Rice and contributors<br/>See <a href="#">Appendix G</a></p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider              | Component (s)              | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-----------------------|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Pivotal Software, Inc | Reactor Core 3.3.7.RELEASE | /*<br>* Copyright (c) 2011-2017 Pivotal Software Inc, All Rights Reserved.<br>*<br>* Licensed under the Apache License, Version 2.0 (the "License");<br>* you may not use this file except in compliance with the License.<br>* You may obtain a copy of the License at<br>*<br>* https://www.apache.org/licenses/LICENSE-2.0<br>*<br>* Unless required by applicable law or agreed to in writing, software<br>* distributed under the License is distributed on an "AS IS" BASIS,<br>* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.<br>* See the License for the specific language governing permissions and<br>* limitations under the License.<br>*/<br><br>-----<br>APACHE 2.0 - See <a href="#">Appendix E</a><br>-----<br><br>Below are 4th party dependencies. kotlin-stdlib, v1.1.61, apache 2.0, optional dependency<br>=====<br>== NOTICE file corresponding to the section 4 d of ==<br>== the Apache License, Version 2.0, ==<br>== in this case for the Kotlin Compiler distribution. ==<br>=====<br>=====<br>Kotlin Compiler<br>Copyright 2010-2017 JetBrains s.r.o and respective authors and developers ++++++<br>+++++<br>reactive-streams, v1.0.2, CC01.0 Creative Commons Legal Code CC0 1.0 Universal<br>CREATIVE COMMONS CORPORATION IS NOT A LAW FIRM AND DOES NOT PROVIDE<br>LEGAL SERVICES. DISTRIBUTION OF THIS DOCUMENT DOES NOT CREATE AN<br>ATTORNEY-CLIENT RELATIONSHIP. CREATIVE COMMONS PROVIDES THIS |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>INFORMATION ON AN "AS-IS" BASIS. CREATIVE COMMONS MAKES NO WARRANTIES REGARDING THE USE OF THIS DOCUMENT OR THE INFORMATION OR WORKS PROVIDED HEREUNDER, AND DISCLAIMS LIABILITY FOR DAMAGES RESULTING FROM THE USE OF THIS DOCUMENT OR THE INFORMATION OR WORKS PROVIDED HEREUNDER.</p> <p>Statement of Purpose</p> <p>The laws of most jurisdictions throughout the world automatically confer exclusive Copyright and Related Rights (defined below) upon the creator and subsequent owner(s) (each and all, an "owner") of an original work of authorship and/or a database (each, a "Work").</p> <p>Certain owners wish to permanently relinquish those rights to a Work for the purpose of contributing to a commons of creative, cultural and scientific works ("Commons") that the public can reliably and without fear of later claims of infringement build upon, modify, incorporate in other works, reuse and redistribute as freely as possible in any form whatsoever and for any purposes, including without limitation commercial purposes. These owners may contribute to the Commons to promote the ideal of a free culture and the further production of creative, cultural and scientific works, or to gain reputation or greater distribution for their Work in part through the use and efforts of others.</p> <p>For these and/or other purposes and motivations, and without any expectation of additional consideration or compensation, the person associating CC0 with a Work (the "Affirmer"), to the extent that he or she is an owner of Copyright and Related Rights in the Work, voluntarily elects to apply CC0 to the Work and publicly distribute the Work under its terms, with knowledge of his or her Copyright and Related Rights in the Work and the meaning and intended legal effect of CC0 on those rights.</p> <p>1. Copyright and Related Rights.</p> <p>A Work made available under CC0 may be protected by copyright and related or neighboring rights ("Copyright and Related Rights").</p> <p>Copyright and Related Rights include, but are not limited to, the following:</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>i. the right to reproduce, adapt, distribute, perform, display, communicate, and translate a Work;</p> <p>ii. moral rights retained by the original author(s) and/or performer(s);</p> <p>iii. publicity and privacy rights pertaining to a person's image or likeness depicted in a Work;</p> <p>iv. rights protecting against unfair competition in regards to a Work, subject to the limitations in paragraph 4(a), below;</p> <p>v. rights protecting the extraction, dissemination, use and reuse of data in a Work;</p> <p>vi. database rights (such as those arising under Directive 96/9/EC of the European Parliament and of the Council of 11 March 1996 on the legal protection of databases, and under any national implementation thereof, including any amended or successor version of such directive); and</p> <p>vii. other similar, equivalent or corresponding rights throughout the world based on applicable law or treaty, and any national implementations thereof.</p> <p>2. Waiver. To the greatest extent permitted by, but not in contravention of, applicable law, Affirmer hereby overtly, fully, permanently, irrevocably and unconditionally waives, abandons, and surrenders all of Affirmer's Copyright and Related Rights and associated claims and causes of action, whether now known or unknown (including existing as well as future claims and causes of action), in the Work</p> <p>(i) in all territories worldwide,</p> <p>(ii) for the maximum duration provided by applicable law or treaty (including future time extensions),</p> <p>(iii) in any current or future medium and for any number of copies, and</p> <p>(iv) for any purpose whatsoever, including without limitation commercial, advertising or promotional purposes (the "Waiver"). Affirmer makes the Waiver for the benefit of each member of the public at large and to the detriment of Affirmer's heirs and successors, fully intending that such Waiver shall not be subject to revocation, rescission, cancellation, termination, or any other legal or equitable action to disrupt the quiet enjoyment of the Work by the public as contemplated by Affirmer's express Statement of Purpose.</p> <p>3. Public License Fallback.</p> <p>Should any part of the Waiver for any reason be judged legally invalid or ineffective under</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>applicable law, then the Waiver shall be preserved to the maximum extent permitted taking into account Affirmer's express Statement of Purpose. In addition, to the extent the Waiver is so judged Affirmer hereby grants to each affected person a royalty-free, non transferable, non sublicensable, non exclusive, irrevocable and unconditional license to exercise</p> <p>Affirmer's Copyright and Related Rights in the Work</p> <p>(i) in all territories worldwide,</p> <p>(ii) for the maximum duration provided by applicable law or treaty (including future time extensions),</p> <p>(iii) in any current or future medium and for any number of copies, and</p> <p>(iv) for any purpose whatsoever, including without limitation commercial, advertising or promotional purposes (the "License"). The License shall be deemed effective as of the date CC0 was applied by Affirmer to the Work. Should any part of the License for any reason be judged legally invalid or ineffective under applicable law, such partial invalidity or ineffectiveness shall not invalidate the remainder of the License, and in such case Affirmer hereby affirms that he or she will not</p> <p>(i) exercise any of his or her remaining Copyright and Related Rights in the Work or</p> <p>(ii) assert any associated claims and causes of action with respect to the Work, in either case</p> <p>contrary to Affirmer's express Statement of Purpose.</p> <p>4. Limitations and Disclaimers.</p> <p>a. No trademark or patent rights held by Affirmer are waived, abandoned, surrendered, licensed or otherwise affected by this document.</p> <p>b. Affirmer offers the Work as-is and makes no representations or warranties of any kind concerning the Work, express, implied, statutory or otherwise, including without limitation warranties of title, merchantability, fitness for a particular purpose, non infringement, or the absence of latent or other defects, accuracy, or the present or absence of errors, whether or not discoverable, all to the greatest extent permissible under applicable law.</p> <p>c. Affirmer disclaims responsibility for clearing rights of other persons that may apply to the Work or any use thereof, including without limitation any person's</p> <p>Copyright and Related Rights in the Work.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Further, Affirmer disclaims responsibility for obtaining any necessary consents, permissions or other rights required for any use of the Work.</p> <p>d. Affirmer understands and acknowledges that Creative Commons is not a party to this document and has no duty or obligation with respect to this CC0 or use of the Work. ++++++</p> <p>+++++</p> <p>+++</p> <p>slf4j-api, v1.7.12, MIT license, (optional dependency)</p> <p>Copyright (c) 2004-2017 QOS.ch All rights reserved.</p> <p>See <a href="#">Appendix G</a></p> <p>+++++</p> <p>com.google.code.findbugs:jsr305, v3.0.1, New BSD license (optional dependency)</p> <p>The JSR-305 reference implementation (lib/jsr305.jar) is distributed under the terms of the New BSD license:</p> <p><a href="http://www.opensource.org/licenses/bsd-license.php">http://www.opensource.org/licenses/bsd-license.php</a></p> <p>See the JSR-305 home page for more information:</p> <p><a href="http://code.google.com/p/jsr-305/">http://code.google.com/p/jsr-305/</a></p> <p>See <a href="#">Appendix M</a></p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider      | Component (s)   | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|---------------|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Kenneth Reitz | requests 2.26.0 | <pre> ----- Top-level license ----- https://raw.githubusercontent.com/psf/requests/ v2.24.0/LICENSE  URL for License - https://github.com/psf/requests/ blob/v2.25.1/LICENSE  URL for Copyright Notice - https://github.com/psf/ requests/blob/v2.25.1/NOTICE  Copyright 2019 Kenneth Reitz  Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at  https://www.apache.org/licenses/LICENSE-2.0  Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.  =====  APACHE 2.0 - See <a href="#">Appendix E</a>  ----- Copyright notices ----- Copyright 2019 Kenneth Reitz === ===== ===== . . . ----- Fourth-party information ----- === IF YOU ARE INCLUDING FOURTH-PARTY DEPENDENCIES IN THIS LT: === === For each fourth-party component, provide the copyright notices and === license text, clearly identifying to which component they belong. === You must include this for all dependencies, </pre> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>whether they are bundled<br/>         === or downloaded separately, and whether or not<br/>         you are using them.<br/>         === For notices or license text that is shared<br/>         across multiple components,<br/>         === you may group the component names together, so<br/>         that you do not need to<br/>         === have multiple copies of the same license text,<br/>         or indicate the license<br/>         === type if the license text is already provided<br/>         for another dependency.<br/>         === For more guidance, see "How do I record fourth-<br/>         party dependencies?"<br/>         === in the Corporate Architecture Third Party<br/>         Approval FAQ.<br/>         ===<br/>         === If YOU ARE NOT INCLUDING FOURTH-PARTY<br/>         DEPENDENCIES IN THIS LT, leave<br/>         === this section blank. However, if you are<br/>         seeking distribution, YOU MUST<br/>         === have separate business approvals for each<br/>         dependency. You may use the<br/>         === "Fourth-Party Dependencies" section below to<br/>         identify those other LTs.<br/>         ===<br/>         =====<br/>         =====<br/> <br/>         == NAME OF DEPENDENCY 1<br/>         urllib3<br/>         == License Type<br/>         MIT<br/>         == Copyright Notices<br/>         Copyright (c) 2008-2020 Andrey Petrov and<br/>         contributors (see CONTRIBUTORS.txt)<br/> <br/>         -----<br/>         (separator)-----<br/>         == NAME OF DEPENDENCY 2<br/>         certifi<br/>         == License Type<br/>         Mozilla<br/>         == Copyright Notices<br/>         None<br/> <br/>         -----<br/>         (separator)-----<br/>         == NAME OF DEPENDENCY 3<br/>         chardet<br/>         == License Type<br/>         LGPL<br/>         == Copyright Notices<br/>         Copyright (C) 1991, 1999 Free Software<br/>         Foundation, Inc.</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <pre> ----- (separator)----- == NAME OF DEPENDENCY 4 idna == License Type BSD-like == Copyright Notices Copyright (c) 2013-2020, Kim Davies. All rights reserved..  ----- (separator)----- == LICENSES . == Text of license (MIT) MIT License  Copyright (c) 2008-2020 Andrey Petrov and contributors (see CONTRIBUTORS.txt)  See <a href="#">Appendix G</a> MIT License - See <a href="#">Appendix G</a> GNU General Public License, Version 2 (GPL - 2.1) - See <a href="#">Appendix G</a>  == Text of license (BSD-like) Copyright (c) 2013-2020, Kim Davies. All rights reserved.  See <a href="#">Appendix M</a> </pre> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider                | Component (s)                                        | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-------------------------|------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| scikit-learn developers | scikit-learn 0.23.1                                  | <p>scikit-learn 0.19.0<br/>New BSD License<br/>Copyright (c) 2007-2017 The scikit-learn developers.<br/>All rights reserved.<br/>See <a href="#">Appendix M</a></p> <p>*****</p> <p>CBLAS (C interface to Legacy BLAS)<br/><a href="http://www.netlib.org/blas/#_licensing">http://www.netlib.org/blas/#_licensing</a><br/>Licensing:<br/>The reference BLAS is a freely-available software package. It is available from netlib via anonymous ftp and the World Wide Web. Thus, it can be included in commercial software packages (and has been). We only ask that proper credit be given to the authors.<br/>Like all software, it is copyrighted. It is not trademarked, but we do ask the following:</p> <ul style="list-style-type: none"> <li>• If you modify the source for these routines we ask that you change the name of the routine and comment the changes made to the original.</li> <li>• We will gladly answer any questions regarding the software. If a modification is done, however, it is the responsibility of the person who modified the routine to provide support.</li> </ul> |
| Selenium                | Selenium - Python 4.15.2<br>Selenium - Python 4.16.0 | APACHE 2.0 - See <a href="#">Appendix E</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider            | Component (s)                                                                                                    | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|---------------------|------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Tobias Gruetzmacher | Simple Theme Plugin for Jenkins<br>160.vb_76454b_67900<br>Simple Theme Plugin for Jenkins<br>176.v39740c03a_a_f5 | MIT License Copyright 2011 mallowlabs Copyright 2018-2020 TobiX Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions: The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software. THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE. ----- (symbol-annotation:-1.23)-----<br>----- The MIT License (MIT) Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions: The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software. THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE. -----<br>----- |
| Daniel Bader        | Schedule 1.2.1                                                                                                   | The MIT License (MIT)<br><br>Copyright (c) 2013 Daniel Bader ( <a href="http://dbader.org">http://dbader.org</a> )<br><br>See <a href="#">Appendix G</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider              | Component (s)                                 | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-----------------------|-----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| QOS.ch                | SLF4J-1.7.25                                  | Licensed under The MIT License (MIT) and you may not use this file except in compliance with the License. The MIT License (MIT)- See <a href="#">Appendix G</a><br>This software and sample code developed by QOS.ch and licensed under The MIT License (MIT).<br>For more information on The MIT License (MIT), please see < <a href="https://opensource.org/licenses/MIT">https://opensource.org/licenses/MIT</a> >                                                                                                                                                                                         |
| QOS.ch                | slf4j-api 1.7.32                              | Copyright (c) 2004-2017 QOS.ch<br>All rights reserved.<br><br>See <a href="#">Appendix G</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| QOS.ch                | Simple Logging Facade for Java (SLF4J) 1.7.30 | org.slf4j:slf4j-parent<br>----- Copyrights<br>Copyright (c) 2004-2017 QOS.ch<br>* Copyright (c) 2004-2011 QOS.ch<br>* Copyright (c) 2004-2016 QOS.ch<br>* Copyright 2001-2004 The Apache Software Foundation.<br>* Copyright (C) 1999-2006, QOS.ch<br>* Copyright (c) 2004-2005 QOS.ch<br>Copyright (c) 2004-2013 QOS.ch<br>* Copyright (c) 2004-2013 QOS.ch<br>Copyright (c) 2004-2007 QOS.ch<br>* Copyright (c) 2004-2013 QOS.ch, Copyright (C) 2015 Google Inc.<br>* Copyright (c) 2004-2012 QOS.ch<br>Copyright (c) 2004-2011 QOS.ch<br>SPDX:MIT<br>The MIT License (MIT)- See <a href="#">Appendix G</a> |
| Pivotal Software, Inc | Spring Boot 2.1.2                             | Copyright 2012-2018 the original author or authors. APACHE 2.0 - See <a href="#">Appendix E</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Pivotal Software, Inc | Spring Boot 2.2.4.RELEASE                     | APACHE 2.0 - See <a href="#">Appendix E</a><br>spring-core 5.2.3<br>Copyright 2002-2019 the original author or authors.<br>APACHE 2.0 - See <a href="#">Appendix E</a><br>spring-context 5.2.3<br>Copyright 2002-2019 the original author or authors.<br>APACHE 2.0 - See <a href="#">Appendix E</a>                                                                                                                                                                                                                                                                                                          |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider              | Component (s)             | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-----------------------|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Pivotal Software, Inc | Spring Boot 2.3.4.RELEASE | <p>Dependency: org.springframework.boot:spring-boot:jar:2.3.4.RELEASE<br/>License: Apache 2.0 See <a href="#">Appendix E</a><br/>2012-2020 the original author or authors.</p> <p>-----</p> <p>4P Dependencies</p> <p>-----</p> <p>Dependency: org.springframework:spring-core:jar:5.2.9.RELEASE<br/>License: Apache 2.0 See <a href="#">Appendix E</a><br/>2012-2020 the original author or authors.</p> <p>Dependency: org.springframework:spring-context:jar:5.2.9.RELEASE<br/>License: Apache 2.0 See <a href="#">Appendix E</a><br/>2012-2020 the original author or authors.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider              | Component (s)     | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-----------------------|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Pivotal Software, Inc | Spring Boot 2.3.1 | <p>Spring Boot 2.3.1.RELEASE<br/> Notice File for all:<br/> Spring Framework 2.3.1<br/> Copyright (c) 2002-2020 Pivotal, Inc.<br/> Copies of this document may be made for your own use and for distribution to others, provided that you do not charge any fee for such copies and further provided that each copy contains this Copyright Notice, whether distributed in print or electronically.</p> <hr/> <p>Copyright notice for Apache 2.0 is stated under Section 4 of the License below</p> <hr/> <p>This product is licensed to you under the Apache License, Version 2.0 (the "License"). You may not use this product except in compliance with the License.<br/> This product may include a number of subcomponents with separate copyright notices and license terms. Your use of the source code for these subcomponents is subject to the terms and conditions of the subcomponent's license, as noted in the license.txt file.<br/> APACHE 2.0 - See <a href="#">Appendix E</a></p> <pre>&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt; &gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt; &gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt; springframework.boot:spring-boot-starter 2.3.1 springframework.boot:spring-boot-starter-data-jpa 2.3.1 springframework.boot:spring-boot-starter-web 2.3.1 springframework.boot:spring-boot-starter-hateoas 2.3.1 springframework.security:spring-security-jwt 1.0.10 springframework.boot:spring-boot-starter-cache 2.3.1 springframework.boot:spring-boot-starter-validation 2.3.1 springframework.security.oauth:spring-security-oauth2 2.3.3 net.sf.ehcache:ehcache 2.10.6 org.apache.commons:commons-lang3 3.10 commons-io:commons-io 2.7 springframework.boot:spring-boot 2.3.1 springframework.boot:spring-boot-autoconfigure 2.3.1 springframework.boot:spring-boot-starter-logging 2.3.1 springframework:spring-core 5.2.7 springframework.boot:spring-boot-starter-aop 2.3.1 springframework.boot:spring-boot-starter-jdbc 2.3.1 hibernate:hibernate-core 5.4.17.Final (LGPL 2.1) springframework.data:spring-data-jpa 2.3.1 springframework.boot:spring-boot-starter-json 2.3.1 springframework.boot:spring-boot-starter-tomcat 2.3.1</pre> |

Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>springframework:spring-web 5.2.7<br/> springframework:spring-beans 5.2.7<br/> springframework:spring-context 5.2.7<br/> springframework.security:spring-security-core 5.3.3<br/> springframework.security:spring-security-config 5.3.3<br/> springframework.security:spring-security-web 5.3.3<br/> commons-codec:commons-codec 1.14<br/> org.apache.logging.log4j:log4j-to-slf4j:2.12.1<br/> Apache Log4j<br/> Copyright 1999-2017 Apache Software Foundation<br/> This product includes software developed at<br/> The Apache Software Foundation (<a href="http://www.apache.org/">http://www.apache.org/</a>).<br/> ResolverUtil.java<br/> Copyright 2005-2006 Tim Fennell<br/> Dumbster SMTP test server<br/> Copyright 2004 Jason Paul Kitchen<br/> TypeUtil.java<br/> Copyright 2002-2012 Ramnivas Laddad, Juergen Hoeller,<br/> Chris Beams<br/> picocli (<a href="http://picocli.info">http://picocli.info</a>)<br/> Copyright 2017 Remko Popma<br/> &gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;<br/> &gt;&gt;&gt;&gt;&gt;&gt;&gt;{spring-boot-version}<br/> Copyright &amp;#169; 2012-2020<br/> Copies of this document may be made for your own use and<br/> for distribution to others, provided that you do not charge any<br/> fee for such copies and further provided that each copy<br/> contains this Copyright Notice, whether distributed in print or<br/> electronically.</p> <hr style="border-top: 1px dashed black;"/> <p>APACHE 2.0 - See <a href="#">Appendix E</a><br/> &gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;<br/> ch.qos.logback:logback-classic:1.2.3<br/> /**<br/> * Logback: the reliable, generic, fast and flexible logging<br/> framework.<br/> * Copyright (C) 1999-2015, QOS.ch. All rights reserved.<br/> *<br/> * This program and the accompanying materials are dual-<br/> licensed under<br/> * either the terms of the Eclipse Public License v1.0 as<br/> published by<br/> * the Eclipse Foundation<br/> *<br/> * or (per the licensee's choosing)</p> |

Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>*<br/>           * under the terms of the GNU Lesser General Public License version 2.1<br/>           * as published by the Free Software Foundation.<br/>           */<br/>           EPL Version 1.0 - See <a href="#">Appendix J</a><br/>           &gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;<br/>           jakarta.annotation:jakarta.annotation-api:1.3.5<br/>           EPL 2.0<br/>           # Notices for Jakarta Annotations<br/>           This content is produced and maintained by the Jakarta Annotations project.<br/>           * Project home: https://projects.eclipse.org/projects/ee4j.ca<br/>           ## Trademarks<br/>           Jakarta Annotations is a trademark of the Eclipse Foundation.<br/>           ## Declared Project Licenses<br/>           This program and the accompanying materials are made available under the terms of the Eclipse Public License v. 2.0 which is available at http://www.eclipse.org/legal/epl-2.0. This Source Code may also be made available under the following Secondary Licenses when the conditions for such availability set forth in the Eclipse Public License v. 2.0 are satisfied: GNU General Public License, version 2 with the GNU Classpath Exception which is available at https://www.gnu.org/software/classpath/license.html.<br/>           SPDX-License-Identifier: EPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0<br/>           ## Source Code<br/>           The project maintains the following source code repositories:<br/>           * https://github.com/eclipse-ee4j/common-annotations-api<br/>           ## Third-party Content<br/>           ## Cryptography<br/>           Content may contain encryption software. The country in which you are currently may have restrictions on the import, possession, and use, and/or re-export to another country, of encryption software. BEFORE using any encryption software, please check the country's laws, regulations and policies concerning the import, possession, or use, and re-export of encryption software, to see if this is permitted.<br/>           &gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;<br/>           - org.projectlombok:lombok 1.18.12<br/>           MIT<br/>           Copyright (C) 2009-2015 The Project Lombok Authors.<br/>           See <a href="#">Appendix G</a><br/>           &gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;<br/>           - jakarta.transaction:jakarta.transaction-api 1.3.3 (EPL 2.0)</p> |



Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information

[illegible]

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider              | Component (s)     | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-----------------------|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Pivotal Software, Inc | Spring Boot 2.5.5 | <pre> ---TOP LEVEL DEPENDENCIES ----- org.springframework.boot:spring-boot-starter-actuator:2.5.5 org.springframework.boot:spring-boot-starter-validation:2.5.5 org.springframework.boot:spring-boot-starter-log4j2:2.5.5 org.springframework.boot:spring-boot-starter-web:2.5.5 org.springframework.boot:spring-boot-starter-cache:2.5.5 org.springframework.boot:spring-boot-starter-data-jpa:2.5.5 org.springframework.boot:spring-boot-starter-webflux:2.5.5 org.springframework.boot:spring-boot-starter-undertow:2.5.5 License: Apache License Version 2.0 License: [0] Copyright: [1] ----- Top-level license ----- ===== Start of Reference [0] ===== Top Level Component Copyright: ===== /* * Copyright 2012-2020 the original author or authors. * * Licensed under the Apache License, Version 2.0 (the "License"); * you may not use this file except in compliance with the License. * You may obtain a copy of the License at * * https://www.apache.org/licenses/LICENSE-2.0 * * Unless required by applicable law or agreed to in writing, software * distributed under the License is distributed on an "AS IS" BASIS, * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. * See the License for the specific language governing permissions and * limitations under the License. */ ===== APACHE 2.0 - See <a href="#">Appendix E</a>  ----- TOP LEVEL Copyright notices ----- ===== Start of Reference [1] ===== /*  * Copyright 2012-2021 the original author or authors.  *  * Licensed under the Apache License, Version 2.0 (the "License");/  * you may not use this file except in compliance with the License.  * You may obtain a copy of the License at  *  * https://www.apache.org/licenses/LICENSE-2.0  *  * Unless required by applicable law or agreed to in writing, software  * distributed under the License is distributed on an "AS IS" BASIS,  * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.  * See the License for the specific language governing permissions and  * limitations under the License.  */ ===== End of Reference [1] ===== </pre> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <pre> ----- NOTICE -----  Spring Boot 2.5.5 Copyright (c) 2012-2021 Pivotal, Inc. This product is licensed to you under the Apache License, Version 2.0 (the "License"). You may not use this product except in compliance with the License. -----  ----- Fourth-party information spring-boot- starter-actuator:2.5.5 ----- Fourth party Dependencies of - org.springframework.boot:spring-boot-starter- actuator:2.5.5 -----  (separator)----- NAME OF DEPENDENCY 1 - org.springframework.boot:spring-boot-starter:2.5.5 NAME OF DEPENDENCY 2 - org.springframework.boot:spring-boot:2.5.5 NAME OF DEPENDENCY 3 - org.springframework:spring- core:5.3.10 NAME OF DEPENDENCY 4 - org.springframework:spring- jcl:5.3.10 NAME OF DEPENDENCY 5 - org.springframework:spring- context:jar:5.3.10 NAME OF DEPENDENCY 6 - org.springframework:spring- aop:jar:5.3.10 NAME OF DEPENDENCY 7 - org.springframework:spring- beans:jar:5.3.10 NAME OF DEPENDENCY 8 - org.springframework:spring- expression:jar:5.3.10 NAME OF DEPENDENCY 9 - org.springframework.boot:spring-boot- autoconfigure:2.5.5 NAME OF DEPENDENCY 10 - org.springframework.boot:spring-boot-actuator- autoconfigure:2.5.5 NAME OF DEPENDENCY 11 - org.springframework.boot:spring-boot-actuator:2.5.5 License: Apache License Version 2.0 ( https:// www.apache.org/licenses/LICENSE-2.0) Text of License: [0] Copyright: [1] -----  (separator)----- NAME OF DEPENDENCY - jakarta.annotation:jakarta.annotation-api:1.3.5 License: Eclipse Public License Version 2.0 + GPL2 w/ CPE License: [2] Copyright: ===== </pre> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <pre> ===== Text of Copyright All content is the property of the respective authors or their employers. For more information regarding authorship of content, please consult the listed source code repository logs. ===== ===== ----- (separator)----- NAME OF DEPENDENCY - org.yaml:snakeyaml:1.28 License: Apache License Version 2.0 ( https:// www.apache.org/licenses/LICENSE-2.0) Text of License: [0] Copyright: ===== ===== Copyright (c) 2008, http://www.snakeyaml.org Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at http://www.apache.org/licenses/LICENSE-2.0 Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License. ===== ===== ----- (separator)----- NAME OF DEPENDENCY - io.micrometer:micrometer- core:jar:1.7.4 License: Apache License Version 2.0 Text of License: [0] Copyright: ===== ===== Micrometer Copyright (c) 2017-Present VMware, Inc. All Rights Reserved. Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at https://www.apache.org/licenses/LICENSE-2.0 Unless required by applicable law or agreed to in </pre> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.</p> <p>=====</p> <p>-----</p> <p>(separator)-----</p> <p>NAME OF DEPENDENCY -</p> <p>org.hdrhistogram:HdrHistogram:jar:2.1.12</p> <p>License: BSD License</p> <p>Text of License:</p> <p>===== Start of Reference BSD License</p> <p>=====</p> <p>Copyright (c) 2012, 2013, 2014, 2015, 2016 Gil Tene</p> <p>Copyright (c) 2014 Michael Barker</p> <p>Copyright (c) 2014 Matt Warren</p> <p>All rights reserved.</p> <p>See <a href="#">Appendix M</a></p> <p>===== End of Reference =====</p> <p>Copyright:</p> <p>=====</p> <p>=====</p> <p>Copyright (c) 2012, 2013, 2014, 2015, 2016 Gil Tene</p> <p>Copyright (c) 2014 Michael Barker</p> <p>Copyright (c) 2014 Matt Warren</p> <p>All rights reserved.</p> <p>=====</p> <p>-----</p> <p>(separator)-----</p> <p>NAME OF DEPENDENCY -</p> <p>org.latencyutils:LatencyUtils:jar:2.0.3</p> <p>License: BSD License</p> <p>Text of License:</p> <p>-----Start of Reference BSD</p> <p>License-----</p> <p>Copyright (c) 2012, 2013, 2014 Gil Tene</p> <p>All rights reserved.</p> <p>See <a href="#">Appendix M</a></p> <p>-----End of Reference BSD</p> <p>License-----</p> <p>Copyright:</p> <p>=====</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <pre> ===== Copyright (c) 2012, 2013, 2014 Gil Tene All rights reserved. ===== ===== -----END of Fourth-party information spring-boot-starter-actuator:2.5.5 ----- ----- Start Fourth-party information spring- boot-starter-validation:2.5.5 ----- Fourth party Dependencies of - org.springframework.boot:spring-boot-starter- validation:2.5.5 ----- (separator)----- NAME OF DEPENDENCY - org.apache.tomcat.embed:tomcat-embed-el:9.0.53 License: Apache License Version 2.0 Text of License: [0] Copyright: ===== ===== /*  * JBoss, Home of Professional Open Source.  * Copyright 2014 Red Hat, Inc., and individual  * contributors  * as indicated by the @author tags.  *  * Licensed under the Apache License, Version 2.0  * (the "License");  * you may not use this file except in compliance  * with the License.  * You may obtain a copy of the License at  *  * http://www.apache.org/licenses/LICENSE-2.0  *  * Unless required by applicable law or agreed to  * in writing, software  * distributed under the License is distributed on  * an "AS IS" BASIS,  * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND,  * either express or implied.  * See the License for the specific language  * governing permissions and  * limitations under the License.  */ ===== ===== ----- (separator)----- NAME OF DEPENDENCY - org.hibernate.validator:hibernate- validator:6.2.0.Final License: Apache License Version 2.0 </pre> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <pre> Text of License: [0] Copyright: ===== ===== /*  * Hibernate Validator, declare and validate application constraints  *  * License: Apache License, Version 2.0  * See the license.txt file in the root directory or .  */ ===== ===== ----- (separator)----- NAME OF DEPENDENCY - jakarta.validation:jakarta.validation-api:2.0.2 License: Apache License Version 2.0 Text of License: [0] Copyright:[1] ----- (separator)----- NAME OF DEPENDENCY - org.jboss.logging:jboss- logging:3.4.1.Final License: Apache License Version 2.0 Text of License: [0] Copyright: ===== ===== /*  * JBoss, Home of Professional Open Source.  * Copyright 2014 Red Hat, Inc., and individual contributors  * as indicated by the @author tags.  *  * Licensed under the Apache License, Version 2.0 (the "License");  * you may not use this file except in compliance with the License.  * You may obtain a copy of the License at  *  * http://www.apache.org/licenses/LICENSE-2.0  *  * Unless required by applicable law or agreed to in writing, software  * distributed under the License is distributed on an "AS IS" BASIS,  * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.  * See the License for the specific language governing permissions and  * limitations under the License.  */ ===== </pre> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <pre> ===== ----- (separator)----- NAME OF DEPENDENCY - com.fasterxml:classmate:jar:1.5.1 License: Apache License Version 2.0 License: [0] Copyright: ===== ===== Java ClassMate library was originally written by Tatu Saloranta (tatu.saloranta@iki.fi) Other developers who have contributed code are: * Brian Langel ===== ===== -----END of Fourth-party information spring-boot-starter-validation:2.5.5 ----- ----- Start Fourth-party information - spring- boot-starter-log4j2 ----- Fourth party Dependencies of - org.springframework.boot:spring-boot-starter- log4j2 -&gt; 2.5.5 NOTICE file ----- ----- Apache Log4j Copyright 1999-2019 Apache Software Foundation This product includes software developed at The Apache Software Foundation (http:// www.apache.org/). ResolverUtil.java Copyright 2005-2006 Tim Fennell Dumbster SMTP test server Copyright 2004 Jason Paul Kitchen TypeUtil.java Copyright 2002-2012 Ramnivas Laddad, Juergen Hoeller, Chris Beams picocli (http://picocli.info) Copyright 2017 Remko Popma ----- ----- (separator)----- NAME OF DEPENDENCY - log4j-slf4j-impl:2.14.1 License: Apache License, Version 2.0 Text of License: [0] Copyright: ===== ===== /* * Licensed to the Apache Software Foundation (ASF) under one or more * contributor license agreements. See the NOTICE </pre> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>file distributed with</p> <ul style="list-style-type: none"> <li>* this work for additional information regarding copyright ownership.</li> <li>* The ASF licenses this file to You under the Apache license, Version 2.0</li> <li>* (the "License"); you may not use this file except in compliance with</li> <li>* the License. You may obtain a copy of the License at</li> <li>* <ul style="list-style-type: none"> <li>* <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></li> <li>* </li> </ul> </li> <li>* Unless required by applicable law or agreed to in writing, software</li> <li>* distributed under the License is distributed on an "AS IS" BASIS,</li> <li>* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.</li> <li>* See the license for the specific language governing permissions and</li> <li>* limitations under the license.</li> <li>*/</li> <li>/**</li> <li>* SLF4J support. Note that this does indeed share the same package namespace as the one found in log4j-to-slf4j;</li> <li>* this is intentional. The two JARs should not be used at the same time! Thus, in an OSGi environment</li> <li>* where split packages are not allowed, this error is prevented due to both JARs sharing an exported package name.</li> <li>*/</li> </ul> <p>=====</p> <p>-----</p> <p>(separator)-----</p> <p>NAME OF DEPENDENCY - org.slf4j:slf4j-api</p> <p>License: MIT License</p> <p>Text of License: [23]</p> <p>Copyright:</p> <p>=====</p> <p>Copyright (c) 2004-2017 QOS.ch</p> <p>=====</p> <p>-----</p> <p>(separator)-----</p> <p>NAME OF DEPENDENCY -</p> <p>org.apache.logging.log4j:log4j-api:2.14.1</p> <p>License: Apache License, Version 2.0</p> <p>Text of License: [0]</p> <p>Copyright:</p> <p>=====</p> <p>=====</p> <p>Apache Log4j API</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <pre> Copyright 1999-2020 The Apache Software Foundation This product includes software developed at The Apache Software Foundation (http:// www.apache.org/). ===== ----- (separator)----- NAME OF DEPENDENCY - org.apache.logging.log4j:log4j-core:2.14.1 License: Apache License, Version 2.0 Text of License: [0] Copyright: =====  /Apache Log4j Core Copyright 1999-2019 Apache Software Foundation This product includes software developed at The Apache Software Foundation (http:// www.apache.org/). ResolverUtil.java Copyright 2005-2006 Tim Fennell ===== ----- (separator)----- NAME OF DEPENDENCY - org.apache.logging.log4j:log4j-jul:2.14.1 License: Apache License, Version 2.0 Text of License: [0] Copyright: =====  /*  * Licensed to the Apache Software Foundation  * (ASF) under one or more  * contributor license agreements. See the NOTICE  * file distributed with  * this work for additional information regarding  * copyright ownership.  * The ASF licenses this file to You under the  * Apache license, Version 2.0  * (the "License"); you may not use this file  * except in compliance with  * the License. You may obtain a copy of the  * License at  *  *      http://www.apache.org/licenses/LICENSE-2.0  *  * Unless required by applicable law or agreed to  * in writing, software  * distributed under the License is distributed on  * an "AS IS" BASIS,  * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, </pre> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <pre> either express or implied.  * See the license for the specific language governing permissions and  * limitations under the license.  */ ===== ----- (separator)----- NAME OF DEPENDENCY - org.slf4j:jul-to- slf4j:jar:1.7.32 License: MIT License Text of License: [23] Copyright: ===== Copyright (c) 2004-2017 QOS.ch ===== (separator)----- NAME OF DEPENDENCY - org.slf4j:slf4j-api:jar:1.7.32 License: MIT License Text of License: [23] Copyright: ===== Copyright (c) 2004-2017 QOS.ch ===== -----END of Fourth-party information - spring-boot-starter-log4j2 ----- ----- Start Fourth-party information - spring- boot-starter-web ----- Fourth party Dependencies of - org.springframework.boot:spring-boot-starter-web ----- (separator)----- NAME OF DEPENDENCY - spring-boot-starter-json NAME OF DEPENDENCY - spring-web NAME OF DEPENDENCY - spring-webmvc License: Apache License Version 2.0 License: [0] Copyright: ===== /*  * Copyright 2012-2021 the original author or authors.  *  * Licensed under the Apache License, Version 2.0 (the "License");  * you may not use this file except in compliance with the License.  * You may obtain a copy of the License at </pre> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <pre> * *      https://www.apache.org/licenses/LICENSE-2.0 * * Unless required by applicable law or agreed to in writing, software * distributed under the License is distributed on an "AS IS" BASIS, * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. * See the License for the specific language governing permissions and * limitations under the License. */ ===== ----- End Fourth-party information - spring- boot-starter-web ----- ----- Start Fourth-party information - spring- boot-starter-cache ----- Fourth party Dependencies of - spring-boot-starter- cache ----- (separator)----- NAME OF DEPENDENCY - org.springframework:spring- context-support License: Apache License Version 2.0 License: [0] Copyright: ===== ===== /* * Copyright 2002-2018 the original author or authors. * * Licensed under the Apache License, Version 2.0 (the "License"); * you may not use this file except in compliance with the License. * You may obtain a copy of the License at * *      https://www.apache.org/licenses/LICENSE-2.0 * * Unless required by applicable law or agreed to in writing, software * distributed under the License is distributed on an "AS IS" BASIS, * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. * See the License for the specific language governing permissions and * limitations under the License. */ ===== ----- End Fourth-party information - spring- </pre> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <pre> boot-starter-cache ----- ----- Start Fourth-party information - spring- boot-starter-data-jpa:2.5.5 ----- Fourth party Dependencies of - org.springframework.boot:spring-boot-starter-data- jpa:2.5.5 ----- (separator)----- NAME OF DEPENDENCY 1 - spring-boot-starter-aop NAME OF DEPENDENCY 2 - spring-boot-starter-jdbc License: Apache License Version 2.0 Text of License: [0] Copyright: [1] ----- (separator)----- NAME OF DEPENDENCY - org.aspectj:aspectjweaver License: Eclipse Public License Version 1.0 Text of License: [6] Copyright: ===== * Copyright (c) 2005 Contributors. * All rights reserved. * This program and the accompanying materials are made available * under the terms of the Eclipse Public License v1.0 * which accompanies this distribution and is available at * http:// eclipse.org/legal/epl-v10.html ===== ----- (separator)----- NAME OF DEPENDENCY - com.zaxxer:HikariCP License: Apache License Version 2.0 Text of License: [0] Copyright: ===== Copyright (C) 2013,2014 Brett Wooldridge ===== ----- (separator)----- NAME OF DEPENDENCY - org.springframework:spring-tx License: Apache License Version 2.0 Text of License: [0] Copyright: ===== /* * Copyright 2002-2012 the original author or authors. * * Licensed under the Apache License, Version 2.0 (the "License"); </pre> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>* you may not use this file except in compliance with the License.<br/> * You may obtain a copy of the License at<br/> *<br/> * <a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a><br/> *<br/> * Unless required by applicable law or agreed to in writing, software<br/> * distributed under the License is distributed on an "AS IS" BASIS,<br/> * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.<br/> * See the License for the specific language governing permissions and<br/> * limitations under the License.<br/> */<br/> =====</p> <p>-----<br/> (separator)-----<br/> NAME OF DEPENDENCY -<br/> jakarta.transaction:jakarta.transaction-api<br/> License: Eclipse Public License Version 2.0 + GPL2 w/ CPE<br/> Text of License: [2]<br/> Copyright:<br/> =====</p> <p>All content is the property of the respective authors or their employers. For more information regarding authorship of content, please consult the listed source code repository logs.<br/> =====</p> <p>-----<br/> (separator)-----<br/> NAME OF DEPENDENCY -<br/> jakarta.persistence:jakarta.persistence-api<br/> License: Eclipse Public License Version 2.0<br/> Text of License: [21]<br/> Copyright:<br/> =====</p> <p>All content is the property of the respective authors or their employers. For more information regarding authorship of content, please consult the listed source code repository logs.<br/> =====</p> <p>-----<br/> (separator)-----<br/> NAME OF DEPENDENCY - org.hibernate:hibernate-core:5.4.32.Final</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>License: LGPL 2.1<br/>Text of License: [62]<br/>Copyright:<br/>=====</p> <p>=====</p> <p>GNU Lesser General Public License<br/>Version 2.1, February 1999<br/>Copyright (C) 1991, 1999 Free Software Foundation,<br/>Inc. 59 Temple Place, Suite 330, Boston, MA<br/>02111-1307 USA Everyone is permitted to copy and<br/>distribute verbatim copies of this license<br/>document, but changing it is not allowed.<br/>[This is the first released version of the Lesser<br/>GPL. It also counts as the successor of the GNU<br/>Library Public License, version 2, hence the<br/>version number 2.1.]<br/>=====</p> <p>=====</p> <p>-----<br/>(separator)-----<br/>NAME OF DEPENDENCY - org.javassist:javassist<br/>License: MPL 1.1 or LGPL2.1 or APL 2.0<br/>-----<br/>Oracle elects Apache license 2.0<br/>-----<br/>Text of License: [46]<br/>Copyright:<br/>=====</p> <p>=====</p> <pre> /*  * Javassist, a Java-bytecode translator toolkit.  * Copyright (C) 1999- Shigeru Chiba. All Rights  * Reserved.  *  * The contents of this file are subject to the  * Mozilla Public License Version  * 1.1 (the "License"); you may not use this file  * except in compliance with  * the License. Alternatively, the contents of  * this file may be used under  * the terms of the GNU Lesser General Public  * License Version 2.1 or later,  * or the Apache License Version 2.0.  *  * Software distributed under the License is  * distributed on an "AS IS" basis,  * WITHOUT WARRANTY OF ANY KIND, either express or  * implied. See the License  * for the specific language governing rights and  * limitations under the  * License.  */ ===== ===== ----- </pre> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <pre> (separator)----- NAME OF DEPENDENCY - net.bytebuddy:byte-buddy License: Apache License Version 2.0 Text of License: [0] Copyright: ===== /*  * Copyright 2014 - Present Rafael Winterhalter  *  * Licensed under the Apache License, Version 2.0 (the "License");  * you may not use this file except in compliance with the License.  * You may obtain a copy of the License at  *  *      http://www.apache.org/licenses/LICENSE-2.0  *  * Unless required by applicable law or agreed to in writing, software  * distributed under the License is distributed on an "AS IS" BASIS,  * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.  * See the License for the specific language governing permissions and  * limitations under the License.  */ ===== ----- (separator)----- NAME OF DEPENDENCY - antlr:antlr:jar:2.7.7 License: ANTLR 2 License License: [31] Copyright: ===== ANTLR 1989-2006 Developed by Terence Parr Partially supported by University of San Francisco &amp;jGuru.com We reserve no legal rights to the ANTLR--it is fully in the public domain. An individual or company may do whatever they wish with source code distributed with ANTLR or the code generated by ANTLR, including the incorporation of ANTLR, or its output, into commerical software. ===== ----- (separator)----- NAME OF DEPENDENCY - org.jboss:jandex:2.2.3.Final </pre> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <pre> License: Apache License Version 2.0 Text of License: [0] Copyright: ===== /*  * JBoss, Home of Professional Open Source.  * Copyright 2013 Red Hat, Inc., and individual  * contributors  * as indicated by the @author tags.  *  * Licensed under the Apache License, Version 2.0  * (the "License");  * you may not use this file except in compliance  * with the License.  * You may obtain a copy of the License at  *  *     http://www.apache.org/licenses/LICENSE-2.0  *  * Unless required by applicable law or agreed to  * in writing, software  * distributed under the License is distributed on  * an "AS IS" BASIS,  * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND,  * either express or implied.  * See the License for the specific language  * governing permissions and  * limitations under the License.  */ ===== ----- (separator)----- NAME OF DEPENDENCY - org.dom4j:dom4j License: BSD License Text of License: [41] Copyright: ===== Copyright 2001-2016 (C) MetaStuff, Ltd. and DOM4J contributors. All Rights Reserved. ===== ----- (separator)----- NAME OF DEPENDENCY - hibernate-commons-annotations License: LGPLv2.1 Text of License: [62] Copyright: ===== /*  * Hibernate, Relational Persistence for Idiomatic  * Java  * </pre> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>* License: GNU Lesser General Public License (LGPL), version 2.1 or later.<br/> * See the lgpl.txt file in the root directory or .<br/> */<br/> =====</p> <p>-----<br/> (separator)-----<br/> NAME OF DEPENDENCY - spring-data-jpa<br/> License: Apache License Version 2.0 + EPL and/or other similar licenses<br/> Text of License: [2]<br/> Copyright:<br/> =====</p> <p>Spring Data JPA 2.5.5<br/> Copyright (c) [2011-2019] Pivotal Software, Inc.<br/> This product is licensed to you under the Apache License, Version 2.0 (the "License").<br/> You may not use this product except in compliance with the License.<br/> This product may include a number of subcomponents with<br/> separate copyright notices and license terms. Your use of the source<br/> code for the these subcomponents is subject to the terms and<br/> conditions of the subcomponent's license, as noted in the LICENSE file.<br/> =====</p> <p>-----<br/> (separator)-----<br/> NAME OF DEPENDENCY - spring-data-commons<br/> License: Apache License Version 2.0 + EPL and/or other similar licenses<br/> Text of License: [2]<br/> Copyright:<br/> =====</p> <p>Spring Data JPA 2.5.5 (2020.0.8)<br/> Copyright (c) [2011-2019] Pivotal Software, Inc.<br/> This product is licensed to you under the Apache License, Version 2.0 (the "License").<br/> You may not use this product except in compliance with the License.<br/> This product may include a number of subcomponents with<br/> separate copyright notices and license terms. Your use of the source<br/> code for the these subcomponents is subject to the terms and<br/> conditions of the subcomponent's license, as noted in the LICENSE file.<br/> =====</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <pre> ===== ----- (separator)----- NAME OF DEPENDENCY - org.springframework:spring-jdbc NAME OF DEPENDENCY - org.springframework:spring-aspects License: Apache License Version 2.0 Text of License: [0] Copyright: [1] -----END of Fourth-party information spring-boot-starter-data-jpa ----- ----- Start Fourth-party information - spring-boot-starter-webflux ----- Fourth party Dependencies of - spring-boot-starter-webflux ----- (separator)----- NAME OF DEPENDENCY - jackson-datatype-jdk8 License: Apache License Version 2.0 Text of License: [0] Copyright: ===== ===== Copyright 2013 FasterXML.com Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at     http://www.apache.org/licenses/LICENSE-2.0 Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the license for the specific language governing permissions and limitations under the license. ===== ===== ----- (separator)----- NAME OF DEPENDENCY - jackson-datatype-jsr310 License: Apache License Version 2.0 Text of License: [0] Copyright: ===== ===== Copyright 2013 FasterXML.com  Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the </pre> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>License. You may obtain<br/>a copy of the License at</p> <p><a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Unless required by applicable law or agreed to<br/>in writing, software<br/>distributed under the License is distributed on<br/>an "AS IS" BASIS,<br/>WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND,<br/>either express or implied.<br/>See the license for the specific language<br/>governing permissions and<br/>limitations under the license.</p> <p>=====</p> <p>-----</p> <p>(separator)-----</p> <p>NAME OF DEPENDENCY - com.fasterxml.jackson:jackson-<br/>bom</p> <p>License: Apache License Version 2.0</p> <p>Text of License: [0]</p> <p>Copyright:</p> <p>=====</p> <p>=====</p> <p>Copyright 2013 FasterXML.com</p> <p>Licensed under the Apache License, Version 2.0<br/>(the "License"); you may<br/>not use this file except in compliance with the<br/>License. You may obtain<br/>a copy of the License at</p> <p><a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Unless required by applicable law or agreed to in<br/>writing, software<br/>distributed under the License is distributed on an<br/>"AS IS" BASIS,<br/>WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND,<br/>either express or implied.<br/>See the license for the specific language<br/>governing permissions and<br/>limitations under the license.</p> <p>=====</p> <p>=====</p> <p>-----</p> <p>(separator)-----</p> <p>NAME OF DEPENDENCY - jackson-module-parameter-names</p> <p>License: Apache License Version 2.0</p> <p>Text of License: [0]</p> <p>Copyright:</p> <p>=====</p> <p>=====</p> <p>Copyright 2013 FasterXML.com</p> <p>Licensed under the Apache License, Version 2.0<br/>(the "License"); you may<br/>not use this file except in compliance with the</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>License. You may obtain a copy of the License at <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the license for the specific language governing permissions and limitations under the license.</p> <p>=====</p> <p>-----</p> <p>(separator)-----</p> <p>NAME OF DEPENDENCY 1 - spring-boot-starter-reactor-netty:2.5.5</p> <p>NAME OF DEPENDENCY 2 - reactor-netty-http</p> <p>NAME OF DEPENDENCY 3 - netty-codec</p> <p>NAME OF DEPENDENCY 4 - netty-common</p> <p>NAME OF DEPENDENCY 5 - netty-buffer</p> <p>NAME OF DEPENDENCY 6 - netty-transport</p> <p>NAME OF DEPENDENCY 7 - netty-resolver</p> <p>NAME OF DEPENDENCY 8 - netty-handler</p> <p>NAME OF DEPENDENCY 9 - netty-codec-http2</p> <p>NAME OF DEPENDENCY 10 - netty-codec-http</p> <p>NAME OF DEPENDENCY 11 - netty-resolver-dns</p> <p>NAME OF DEPENDENCY 12 - netty-codec-dns</p> <p>NAME OF DEPENDENCY 13 - netty-resolver-dns-native-macos</p> <p>NAME OF DEPENDENCY 14 - netty-transport-native-unix-common</p> <p>NAME OF DEPENDENCY 15 - netty-transport-native-epoll</p> <p>NAME OF DEPENDENCY 16 - reactor-netty-core</p> <p>NAME OF DEPENDENCY 17 - netty-handler-proxy</p> <p>NAME OF DEPENDENCY 18 - netty-codec-socks</p> <p>NAME OF DEPENDENCY 19 - reactor-core</p> <p>License: Apache License Version 2.0</p> <p>Text of License: [2]</p> <p>Copyright:</p> <p>=====</p> <p>=====</p> <p>The Netty Project</p> <p>=====</p> <p>Please visit the Netty web site for more information:</p> <p>* <a href="https://netty.io/">https://netty.io/</a></p> <p>Copyright 2015 The Netty Project</p> <p>The Netty Project licenses this file to you under the Apache License, version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>License at:<br/> <a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a><br/> Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.</p> <p>=====</p> <p>-----</p> <p>(separator)-----</p> <p>NAME OF DEPENDENCY - spring-webflux<br/> License: Apache License Version 2.0 ( <a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a>)<br/> Text of License: [0]<br/> Copyright: [1]<br/> -----END of Fourth-party information<br/> spring-boot-starter-webflux -----<br/> ----- Start Fourth-party information - spring-boot-starter-undertow -----<br/> Fourth party Dependencies of - spring-boot-starter-undertow</p> <p>-----</p> <p>(separator)-----</p> <p>NAME OF DEPENDENCY - undertow-core<br/> NAME OF DEPENDENCY - undertow-core<br/> NAME OF DEPENDENCY - undertow-servlet<br/> NAME OF DEPENDENCY - undertow-websockets-jsr<br/> NAME OF DEPENDENCY - xnio-api<br/> NAME OF DEPENDENCY - jboss-threads<br/> NAME OF DEPENDENCY - jboss-logging<br/> License: Apache License Version 2.0<br/> Text of License: [0]<br/> Copyright:</p> <p>=====</p> <p>=====</p> <p>/*<br/> * JBoss, Home of Professional Open Source.<br/> * Copyright 2014 Red Hat, Inc., and individual contributors<br/> * as indicated by the @author tags.<br/> *<br/> * Licensed under the Apache License, Version 2.0 (the "License");<br/> * you may not use this file except in compliance with the License.<br/> * You may obtain a copy of the License at<br/> *<br/> * <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a><br/> *<br/> * Unless required by applicable law or agreed to</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <pre> in writing, software  * distributed under the License is distributed on an "AS IS" BASIS,  * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.  * See the License for the specific language governing permissions and  * limitations under the License.  */ ===== ===== ----- (separator)----- NAME OF DEPENDENCY - jakarta.servlet:jakarta.servlet-api License: Eclipse Public License - v2.0 Text of License: [21] Copyright: ===== ===== /*  * Copyright (c) 2017, 2018 Oracle and/or its affiliates and others.  * All rights reserved.  *  * This program and the accompanying materials are made available under the  * terms of the Eclipse Public License v. 2.0, which is available at  * http://www.eclipse.org/legal/epl-2.0.  *  * This Source Code may also be made available under the following Secondary  * Licenses when the conditions for such availability set forth in the  * Eclipse Public License v. 2.0 are satisfied: GNU General Public License,  * version 2 with the GNU Classpath Exception, which is available at  * https://www.gnu.org/software/classpath/ license.html.  *  * SPDX-License-Identifier: EPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0  */ ===== ===== ----- (separator)----- NAME OF DEPENDENCY 1 - wildfly-common NAME OF DEPENDENCY 2 - wildfly-client-config License: Apache License Version 2.0 Text of License: [0] Copyright: ===== </pre> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <pre> ===== /*  * JBoss, Home of Professional Open Source.  * Copyright 2016 Red Hat, Inc., and individual contributors  * as indicated by the @author tags.  *  * Licensed under the Apache License, Version 2.0 (the "License");  * you may not use this file except in compliance with the License.  * You may obtain a copy of the License at  *  *     http://www.apache.org/licenses/LICENSE-2.0  *  * Unless required by applicable law or agreed to in writing, software  * distributed under the License is distributed on an "AS IS" BASIS,  * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.  * See the License for the specific language governing permissions and  * limitations under the License.  */ ===== -----END of Fourth-party information ----- ===== ----- All the license are copied here ----- ===== Start of Reference [2] =====  Eclipse Public License - v 2.0 - See <a href="#">Appendix Y</a>  ----- ##      The GNU General Public License (GPL) Version 2, June 1991       Copyright (C) 1989, 1991 Free Software Foundation, Inc.       51 Franklin Street, Fifth Floor       Boston, MA 02110-1335       USA       Everyone is permitted to copy and distribute verbatim copies       of this license document, but changing it is not allowed.       Preamble       The licenses for most software are designed to take away your freedom to       share and change it. By contrast, the GNU General Public License is </pre> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Library General Public License instead.) You can apply it to your programs, too.</p> <p>When we speak of free software, we are referring to freedom, not price.</p> <p>Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.</p> <p>To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.</p> <p>For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.</p> <p>We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.</p> <p>Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>authors' reputations.</p> <p>Finally, any free program is threatened constantly by software patents.</p> <p>We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.</p> <p>The precise terms and conditions for copying, distribution and modification follow.</p> <p>TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION</p> <p>0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language.</p> <p>(Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".</p> <p>Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.</p> <p>1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>recipients of the Program a copy of this License along with the Program.</p> <p>You may charge a fee for the physical act of transferring a copy, and</p> <p>you may at your option offer warranty protection in exchange for a fee.</p> <p>2. You may modify your copy or copies of the Program or any portion of</p> <p>it, thus forming a work based on the Program, and copy and distribute</p> <p>such modifications or work under the terms of Section 1 above, provided</p> <p>that you also meet all of these conditions:</p> <p>a) You must cause the modified files to carry prominent notices</p> <p>stating that you changed the files and the date of any change.</p> <p>b) You must cause any work that you distribute or publish, that in</p> <p>whole or in part contains or is derived from the Program or any part</p> <p>thereof, to be licensed as a whole at no charge to all third parties</p> <p>under the terms of this License.</p> <p>c) If the modified program normally reads commands interactively</p> <p>when run, you must cause it, when started running for such</p> <p>interactive use in the most ordinary way, to print or display an</p> <p>announcement including an appropriate copyright notice and a notice</p> <p>that there is no warranty (or else, saying that you provide a</p> <p>warranty) and that users may redistribute the program under these</p> <p>conditions, and telling the user how to view a copy of this License.</p> <p>(Exception: if the Program itself is interactive but does not</p> <p>normally print such an announcement, your work based on the Program</p> <p>is not required to print an announcement.)</p> <p>These requirements apply to the modified work as a whole. If</p> <p>identifiable sections of that work are not derived from the Program, and</p> <p>can be reasonably considered independent and separate works in</p> <p>themselves, then this License, and its terms, do not apply to those</p> <p>sections when you distribute them as separate works. But when you</p> <p>distribute the same sections as part of a whole which is a work based on</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.</p> <p>Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.</p> <p>In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.</p> <p>3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:</p> <ul style="list-style-type: none"> <li>a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,</li> <li>b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,</li> <li>c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)</li> </ul> <p>The source code for a work means the preferred form of the work for</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.</p> <p>If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.</p> <p>4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.</p> <p>5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.</p> <p>6. Each time you redistribute the Program (or</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.</p> <p>7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.</p> <p>If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.</p> <p>It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.</p> <p>This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.</p> <p>8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.</p> <p>9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.</p> <p>Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.</p> <p>10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>reuse of software generally.</p> <p>NO WARRANTY</p> <p>11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.</p> <p>12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.</p> <p>END OF TERMS AND CONDITIONS</p> <p>How to Apply These Terms to Your New Programs</p> <p>If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.</p> <p>To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the</p> <p>"copyright" line and a pointer to where the full notice is found.</p> <p>One line to give the program's name and a brief idea of what it does.</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Copyright (C)</p> <p>This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.</p> <p>This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.</p> <p>You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1335 USA</p> <p>Also add information on how to contact you by electronic and paper mail.</p> <p>If the program is interactive, make it output a short notice like this</p> <p>when it starts in an interactive mode:</p> <p>Gnomovision version 69, Copyright (C) year name of author</p> <p>Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'. This is free software, and you are welcome to redistribute it under certain conditions; type `show c' for details.</p> <p>The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.</p> <p>You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:</p> <p>Yoyodyne, Inc., hereby disclaims all copyright interest in the program `Gnomovision' (which makes passes at compilers) written by</p> <p>James Hacker.</p> <p>signature of Ty Coon, 1 April 1989</p> <p>Ty Coon, President of Vice</p> <p>This General Public License does not permit</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>incorporating your program<br/>into proprietary programs. If your program is<br/>a subroutine library, you<br/>may consider it more useful to permit linking<br/>proprietary applications<br/>with the library. If this is what you want to<br/>do, use the GNU Library<br/>General Public License instead of this License.<br/>---</p> <p>## CLASSPATH EXCEPTION<br/>Linking this library statically or dynamically<br/>with other modules is<br/>making a combined work based on this library.<br/>Thus, the terms and<br/>conditions of the GNU General Public License<br/>version 2 cover the whole<br/>combination.<br/>As a special exception, the copyright holders<br/>of this library give you<br/>permission to link this library with<br/>independent modules to produce an<br/>executable, regardless of the license terms of<br/>these independent<br/>modules, and to copy and distribute the<br/>resulting executable under<br/>terms of your choice, provided that you also<br/>meet, for each linked<br/>independent module, the terms and conditions<br/>of the license of that<br/>module. An independent module is a module<br/>which is not derived from or<br/>based on this library. If you modify this<br/>library, you may extend this<br/>exception to your version of the library, but<br/>you are not obligated to<br/>do so. If you do not wish to do so, delete<br/>this exception statement<br/>from your version.<br/>===== End of Reference [2]<br/>=====</p> <p>===== Start of Reference [23] MIT<br/>License =====<br/>Copyright (c) 2004-2017 QOS.ch<br/>All rights reserved.</p> <p>See <a href="#">Appendix G</a></p> <p>===== End of Reference [23]<br/>=====</p> <p>===== Start of Reference [6]<br/>=====</p> <p>Eclipse Public License - v 1.0 - See <a href="#">Appendix J</a><br/>LGPL 2.1 - See <a href="#">Appendix T</a></p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>===== END of Reference [62]<br/>=====</p> <p>===== Start of Reference [46]<br/>=====</p> <p>MOZILLA PUBLIC LICENSE Version 1.1 1.<br/>Definitions. 1.0.1. "Commercial Use" means distribution or otherwise making the Covered Code available to a third party. 1.1. "'Contributor'" means each entity that creates or contributes to the creation of Modifications. 1.2. "'Contributor Version'" means the combination of the Original Code, prior Modifications used by a Contributor, and the Modifications made by that particular Contributor. 1.3. "'Covered Code'" means the Original Code or Modifications or the combination of the Original Code and Modifications, in each case including portions thereof. 1.4. "'Electronic Distribution Mechanism'" means a mechanism generally accepted in the software development community for the electronic transfer of data. 1.5. "'Executable'" means Covered Code in any form other than Source Code. 1.6. "'Initial Developer'" means the individual or entity identified as the Initial Developer in the Source Code notice required by Exhibit A. 1.7. "'Larger Work'" means a work which combines Covered Code or portions thereof with code not governed by the terms of this License. 1.8. "'License'" means this document. 1.8.1. "Licensable" means having the right to grant, to the maximum extent possible, whether at the time of the initial grant or subsequently acquired, any and all of the rights conveyed herein. 1.9. "'Modifications'" means any addition to or deletion from the substance or structure of either the Original Code or any previous Modifications. When Covered Code is released as a series of files, a Modification is: A. Any addition to or deletion from the contents of a file containing Original Code or previous Modifications. B. Any new file that contains any part of the Original Code or previous Modifications. 1.10. "'Original Code'" means Source Code of computer software code which is described in the Source Code notice required by Exhibit A as Original Code, and which, at the time of its release under this License is not already Covered Code governed by this License. 1.10.1. "Patent Claims" means any patent claim(s), now owned or hereafter acquired, including without limitation, method, process, and apparatus claims, in any patent Licensable by grantor. 1.11. "'Source Code'" means the preferred form of the Covered Code for making modifications to it, including all modules it contains, plus any associated interface definition</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>files, scripts used to control compilation and installation of an Executable, or source code differential comparisons against either the Original Code or another well known, available Covered Code of the Contributor's choice. The Source Code can be in a compressed or archival form, provided the appropriate decompression or de-archiving software is widely available for no charge. 1.12. "You" (or "Your") means an individual or a legal entity exercising rights under, and complying with all of the terms of, this License or a future version of this License issued under Section 6.1. For legal entities, "You" includes any entity which controls, is controlled by, or is under common control with You. For purposes of this definition, "control" means (a) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (b) ownership of more than fifty percent (50%) of the outstanding shares or beneficial ownership of such entity. 2. Source Code License. 2.1. The Initial Developer Grant. The Initial Developer hereby grants You a world-wide, royalty-free, non-exclusive license, subject to third party intellectual property claims: (a) under intellectual property rights (other than patent or trademark) Licensable by Initial Developer to use, reproduce, modify, display, perform, sublicense and distribute the Original Code (or portions thereof) with or without Modifications, and/or as part of a Larger Work; and (b) under Patents Claims infringed by the making, using or selling of Original Code, to make, have made, use, practice, sell, and offer for sale, and/or otherwise dispose of the Original Code (or portions thereof). (c) the licenses granted in this Section 2.1(a) and (b) are effective on the date Initial Developer first distributes Original Code under the terms of this License. (d) Notwithstanding Section 2.1(b) above, no patent license is granted: 1) for code that You delete from the Original Code; 2) separate from the Original Code; or 3) for infringements caused by: i) the modification of the Original Code or ii) the combination of the Original Code with other software or devices. 2.2. Contributor Grant. Subject to third party intellectual property claims, each Contributor hereby grants You a world-wide, royalty-free, non-exclusive license (a) under intellectual property rights (other than patent or trademark) Licensable by Contributor, to use, reproduce, modify, display, perform, sublicense and distribute the Modifications created by such Contributor (or portions thereof)</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>either on an unmodified basis, with other Modifications, as Covered Code and/or as part of a Larger Work; and (b) under Patent Claims infringed by the making, using, or selling of Modifications made by that Contributor either alone and/or in combination with its Contributor Version (or portions of such combination), to make, use, sell, offer for sale, have made, and/or otherwise dispose of: 1) Modifications made by that Contributor (or portions thereof); and 2) the combination of Modifications made by that Contributor with its Contributor Version (or portions of such combination). (c) the licenses granted in Sections 2.2(a) and 2.2(b) are effective on the date Contributor first makes Commercial Use of the Covered Code. (d) Notwithstanding Section 2.2(b) above, no patent license is granted: 1) for any code that Contributor has deleted from the Contributor Version; 2) separate from the Contributor Version; 3) for infringements caused by: i) third party modifications of Contributor Version or ii) the combination of Modifications made by that Contributor with other software (except as part of the Contributor Version) or other devices; or 4) under Patent Claims infringed by Covered Code in the absence of Modifications made by that Contributor. 3. Distribution Obligations. 3.1. Application of License. The Modifications which You create or to which You contribute are governed by the terms of this License, including without limitation Section 2.2. The Source Code version of Covered Code may be distributed only under the terms of this License or a future version of this License released under Section 6.1, and You must include a copy of this License with every copy of the Source Code You distribute. You may not offer or impose any terms on any Source Code version that alters or restricts the applicable version of this License or the recipients' rights hereunder. However, You may include an additional document offering the additional rights described in Section 3.5. 3.2. Availability of Source Code. Any Modification which You create or to which You contribute must be made available in Source Code form under the terms of this License either on the same media as an Executable version or via an accepted Electronic Distribution Mechanism to anyone to whom you made an Executable version available; and if made available via Electronic Distribution Mechanism, must remain available for at least twelve (12) months after the date it initially became available, or at least six (6) months after a subsequent version of that particular Modification has been made available to</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>such recipients. You are responsible for ensuring that the Source Code version remains available even if the Electronic Distribution Mechanism is maintained by a third party. 3.3. Description of Modifications. You must cause all Covered Code to which You contribute to contain a file documenting the changes You made to create that Covered Code and the date of any change. You must include a prominent statement that the Modification is derived, directly or indirectly, from Original Code provided by the Initial Developer and including the name of the Initial Developer in (a) the Source Code, and (b) in any notice in an Executable version or related documentation in which You describe the origin or ownership of the Covered Code. 3.4. Intellectual Property Matters (a) Third Party Claims. If Contributor has knowledge that a license under a third party's intellectual property rights is required to exercise the rights granted by such Contributor under Sections 2.1 or 2.2, Contributor must include a text file with the Source Code distribution titled "LEGAL" which describes the claim and the party making the claim in sufficient detail that a recipient will know whom to contact. If Contributor obtains such knowledge after the Modification is made available as described in Section 3.2, Contributor shall promptly modify the LEGAL file in all copies Contributor makes available thereafter and shall take other steps (such as notifying appropriate mailing lists or newsgroups) reasonably calculated to inform those who received the Covered Code that new knowledge has been obtained. (b) Contributor APIs. If Contributor's Modifications include an application programming interface and Contributor has knowledge of patent licenses which are reasonably necessary to implement that API, Contributor must also include this information in the LEGAL file. (c) Representations. Contributor represents that, except as disclosed pursuant to Section 3.4(a) above, Contributor believes that Contributor's Modifications are Contributor's original creation(s) and/or Contributor has sufficient rights to grant the rights conveyed by this License. 3.5. Required Notices. You must duplicate the notice in Exhibit A in each file of the Source Code. If it is not possible to put such notice in a particular Source Code file due to its structure, then You must include such notice in a location (such as a relevant directory) where a user would be likely to look for such a notice. If You created one or more Modification(s) You may add your name as a Contributor to the notice described in Exhibit A.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>You must also duplicate this License in any documentation for the Source Code where You describe recipients' rights or ownership rights relating to Covered Code. You may choose to offer, and to charge a fee for, warranty, support, indemnity or liability obligations to one or more recipients of Covered Code. However, You may do so only on Your own behalf, and not on behalf of the Initial Developer or any Contributor. You must make it absolutely clear than any such warranty, support, indemnity or liability obligation is offered by You alone, and You hereby agree to indemnify the Initial Developer and every Contributor for any liability incurred by the Initial Developer or such Contributor as a result of warranty, support, indemnity or liability terms You offer.</p> <p>3.6. Distribution of Executable Versions. You may distribute Covered Code in Executable form only if the requirements of Section 3.1-3.5 have been met for that Covered Code, and if You include a notice stating that the Source Code version of the Covered Code is available under the terms of this License, including a description of how and where You have fulfilled the obligations of Section 3.2. The notice must be conspicuously included in any notice in an Executable version, related documentation or collateral in which You describe recipients' rights relating to the Covered Code. You may distribute the Executable version of Covered Code or ownership rights under a license of Your choice, which may contain terms different from this License, provided that You are in compliance with the terms of this License and that the license for the Executable version does not attempt to limit or alter the recipient's rights in the Source Code version from the rights set forth in this License. If You distribute the Executable version under a different license You must make it absolutely clear that any terms which differ from this License are offered by You alone, not by the Initial Developer or any Contributor. You hereby agree to indemnify the Initial Developer and every Contributor for any liability incurred by the Initial Developer or such Contributor as a result of any such terms You offer.</p> <p>3.7. Larger Works. You may create a Larger Work by combining Covered Code with other code not governed by the terms of this License and distribute the Larger Work as a single product. In such a case, You must make sure the requirements of this License are fulfilled for the Covered Code.</p> <p>4. Inability to Comply Due to Statute or Regulation. If it is impossible for You to comply with any of the terms of this License with respect</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>to some or all of the Covered Code due to statute, judicial order, or regulation then You must: (a) comply with the terms of this License to the maximum extent possible; and (b) describe the limitations and the code they affect. Such description must be included in the LEGAL file described in Section 3.4 and must be included with all distributions of the Source Code. Except to the extent prohibited by statute or regulation, such description must be sufficiently detailed for a recipient of ordinary skill to be able to understand it. 5. Application of this License. This License applies to code to which the Initial Developer has attached the notice in Exhibit A and to related Covered Code. 6. Versions of the License. 6.1. New Versions. Netscape Communications Corporation ('Netscape') may publish revised and/or new versions of the License from time to time. Each version will be given a distinguishing version number. 6.2. Effect of New Versions. Once Covered Code has been published under a particular version of the License, You may always continue to use it under the terms of that version. You may also choose to use such Covered Code under the terms of any subsequent version of the License published by Netscape. No one other than Netscape has the right to modify the terms applicable to Covered Code created under this License. 6.3. Derivative Works. If You create or use a modified version of this License (which you may only do in order to apply it to code which is not already Covered Code governed by this License), You must (a) rename Your license so that the phrases 'Mozilla', 'MOZILLAPL', 'MOZPL', 'Netscape', 'MPL', 'NPL' or any confusingly similar phrase do not appear in your license (except to note that your license differs from this License) and (b) otherwise make it clear that Your version of the license contains terms which differ from the Mozilla Public License and Netscape Public License. (Filling in the name of the Initial Developer, Original Code or Contributor in the notice described in Exhibit A shall not of themselves be deemed to be modifications of this License.) 7. DISCLAIMER OF WARRANTY. COVERED CODE IS PROVIDED UNDER THIS LICENSE ON AN "AS IS" BASIS, WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, WITHOUT LIMITATION, WARRANTIES THAT THE COVERED CODE IS FREE OF DEFECTS, MERCHANTABILITY, FIT FOR A PARTICULAR PURPOSE OR NON-INFRINGEMENT. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE COVERED CODE IS WITH YOU. SHOULD ANY COVERED CODE PROVE DEFECTIVE IN ANY RESPECT, YOU (NOT THE INITIAL DEVELOPER OR ANY OTHER CONTRIBUTOR) ASSUME</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>THE COST OF ANY NECESSARY SERVICING, REPAIR OR CORRECTION. THIS DISCLAIMER OF WARRANTY CONSTITUTES AN ESSENTIAL PART OF THIS LICENSE. NO USE OF ANY COVERED CODE IS AUTHORIZED HEREUNDER EXCEPT UNDER THIS DISCLAIMER. 8. TERMINATION.</p> <p>8.1. This License and the rights granted hereunder will terminate automatically if You fail to comply with terms herein and fail to cure such breach within 30 days of becoming aware of the breach. All sublicenses to the Covered Code which are properly granted shall survive any termination of this License. Provisions which, by their nature, must remain in effect beyond the termination of this License shall survive. 8.2. If You initiate litigation by asserting a patent infringement claim (excluding declaratory judgment actions) against Initial Developer or a Contributor (the Initial Developer or Contributor against whom You file such action is referred to as "Participant") al</p> <p>===== END of Reference [62]<br/>=====</p> <p>===== Start of Reference [46]<br/>=====</p> <p>===== End of Reference [46]<br/>=====</p> <p>===== Start of Reference [31]<br/>=====</p> <p>SOFTWARE RIGHTS<br/>ANTLR 1989-2006 Developed by Terence Parr<br/>Partially supported by University of San Francisco &amp; jGuru.com<br/>We reserve no legal rights to the ANTLR--it is fully in the public domain. An individual or company may do whatever they wish with source code distributed with ANTLR or the code generated by ANTLR, including the incorporation of ANTLR, or its output, into commercial software. We encourage users to develop software with ANTLR. However, we do ask that credit is given to us for developing ANTLR. By "credit", we mean that if you use ANTLR or incorporate any source code into one of your programs (commercial product, research project, or otherwise) that you acknowledge this fact somewhere in the documentation,</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>research report, etc... If you like ANTLR and have developed a nice tool with the output, please mention that you developed it using ANTLR. In addition, we ask that the headers remain intact in our source code. As long as these guidelines are kept, we expect to continue enhancing this system and expect to make other tools available as they are completed.</p> <p>The primary ANTLR guy:<br/>Terence Parr<br/>parrt@cs.usfca.edu<br/>parrt@antlr.org<br/>===== End of Reference [31]<br/>=====</p> <p>===== Start of Reference [41]<br/>=====</p> <p>Copyright 2001-2016 (C) MetaStuff, Ltd. and DOM4J contributors. All Rights Reserved.<br/>Redistribution and use of this software and associated documentation ("Software"), with or without modification, are permitted provided that the following conditions are met:</p> <ol style="list-style-type: none"> <li>1. Redistributions of source code must retain copyright statements and notices. Redistributions must also contain a copy of this document.</li> <li>2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.</li> <li>3. The name "DOM4J" must not be used to endorse or promote products derived from this Software without prior written permission of MetaStuff, Ltd. For written permission, please contact dom4j-info@metastuff.com.</li> <li>4. Products derived from this Software may not be called "DOM4J" nor may "DOM4J" appear in their names without prior written permission of MetaStuff, Ltd. DOM4J is a registered</li> </ol> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>trademark of MetaStuff, Ltd.</p> <p>5. Due credit should be given to the DOM4J Project<br/>- <a href="https://dom4j.github.io/">https://dom4j.github.io/</a></p> <p>THIS SOFTWARE IS PROVIDED BY METASTUFF, LTD. AND<br/>CONTRIBUTORS<br/>``AS IS'' AND ANY EXPRESSED OR IMPLIED WARRANTIES,<br/>INCLUDING, BUT<br/>NOT LIMITED TO, THE IMPLIED WARRANTIES OF<br/>MERCHANTABILITY AND<br/>FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED.<br/>IN NO EVENT SHALL<br/>METASTUFF, LTD. OR ITS CONTRIBUTORS BE LIABLE FOR<br/>ANY DIRECT,<br/>INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR<br/>CONSEQUENTIAL DAMAGES<br/>(INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF<br/>SUBSTITUTE GOODS OR<br/>SERVICES; LOSS OF USE, DATA, OR PROFITS; OR<br/>BUSINESS INTERRUPTION)<br/>HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY,<br/>WHETHER IN CONTRACT,<br/>STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR<br/>OTHERWISE)<br/>ARISING IN ANY WAY OUT OF THE USE OF THIS<br/>SOFTWARE, EVEN IF ADVISED<br/>OF THE POSSIBILITY OF SUCH DAMAGE.<br/>===== End of Reference [41]<br/>=====</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider              | Component (s)     | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-----------------------|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Pivotal Software, Inc | Spring Boot 2.5.1 | <p>Modules: org.springframework.boot:spring-boot:jar:2.5.1<br/> org.springframework.boot:spring-boot-autoconfigure:jar:2.5.1<br/> org.springframework.boot:spring-boot-starter:jar:2.5.1<br/> org.springframework.boot:spring-boot-starter-aop:jar:2.5.1<br/> org.springframework.boot:spring-boot-starter-data-jpa:jar:2.5.1 org.springframework.boot:spring-boot-starter-jdbc:jar:2.5.1 org.springframework.boot:spring-boot-starter-json:jar:2.5.1 org.springframework.boot:spring-boot-starter-log4j2:jar:2.5.1 org.springframework.boot:spring-boot-starter-logging:jar:2.5.1 org.springframework.boot:spring-boot-starter-tomcat:jar:2.5.1 org.springframework.boot:spring-boot-starter-validation:jar:2.5.1<br/> org.springframework.boot:spring-boot-starter-web:jar:2.5.1<br/> License: Apache License Version 2.0 License: [0] Copyright: [1] org.springframework:spring-aop:jar:5.3.8<br/> org.springframework:spring-aspects:jar:5.3.8<br/> org.springframework:spring-beans:jar:5.3.8<br/> org.springframework:spring-context:jar:5.3.8<br/> org.springframework:spring-core:jar:5.3.8<br/> org.springframework:spring-jcl:jar:5.3.8<br/> org.springframework:spring-expression:jar:5.3.8<br/> org.springframework:spring-jdbc:jar:5.3.8<br/> org.springframework:spring-orm:jar:5.3.8<br/> org.springframework:spring-web:jar:5.3.8<br/> org.springframework:spring-webmvc:jar:5.3.8<br/> org.springframework:spring-websocket:jar:5.3.8 License: Apache License Version 2.0 License: [0] Copyright: [1] Dependency: org.springframework.data:spring-data-jpa:jar:2.5.1 License: Apache License Version 2.0 + EPL and/or other similar licenses License: [2] Copyright: [3] Dependency: org.springframework.data:spring-data-commons:jar:2.5.1 License: Apache License Version 2.0 + EPL and/or other similar licenses License: [2] Copyright: [4] Dependency: io.micrometer:micrometer-core:jar:1.7.0 License: Apache License Version 2.0 License: [0] Copyright: [5] Dependency: org.aspectj:aspectjweaver:jar:1.9.6 License: Eclipse Public License Version 1.0 License: [6] Copyright: [7] Dependency: com.fasterxml:classmate:jar:1.5.1 License: Apache License Version 2.0 License: [0] Copyright: [8] Dependency: org.apache.commons:commons-lang3:jar:3.11 License: Apache License Version 2.0 License: [0] Copyright: [9] Dependency: org.hibernate.validator:hibernate-validator:jar:6.2.0.Final License: Apache License Version 2.0 License: [0] Copyright: [15] Dependency: com.zaxxer:HikariCP:jar:4.0.3 License: Apache License Version 2.0 License: [0] Copyright: [16] Dependency: jakarta.annotation:jakarta.annotation-api:jar:1.3.5 License: Eclipse Public License Version 2.0 + GPL2 w/ CPE License: [12] Copyright: [20] Dependency: jakarta.persistence:jakarta.persistence-api:jar:2.2.3 License: Eclipse Public License Version 2.0 License: [21] Copyright: [20] License: Eclipse Distribution License - v 1.0 License and Copyright: [22] Dependency: jakarta.transaction:jakarta.transaction-api:jar:1.3.3 License: Eclipse Public License Version 2.0 + GPL2 w/ CPE License: [12] Copyright: [20] Dependency: org.slf4j:slf4j:jar:1.7.30 License: MIT License License: [23] Copyright:</p> |

Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>[24] Dependency: org.slf4j:slf4j-api:jar:1.7.30 License: MIT License License: [23] Copyright: [25] Dependency: org.yaml:snakeyaml:jar:1.28 License: Apache License Version 2.0 License: [0] Copyright: [26] Dependency: org.apache.tomcat.embed:tomcat-embed-core:jar:9.0.46 License: Apache License Version 2.0 License: [27] Copyright: [28] Dependency: org.jboss.logging:jboss-logging:jar:3.4.1.Final License: Apache License Version 2.0 License: [0] Copyright: [29] Dependency: net.bytebuddy:byte-buddy:jar:1.10.22 License: Apache License Version 2.0 License: [0] Copyright: [30] Dependency: antlr:antlr:jar:2.7.7 License: ANTLR 2 License License: [31] Copyright: [32] Dependency: jakarta.activation:jakarta.activation-api:jar:1.2.2 License: Eclipse Public License Version 1.0 License: [6] Copyright: [20] Dependency: org.hdrhistogram:HdrHistogram:jar:2.1.12 License: BSD License License: [35] Copyright: [36] Dependency: org.latencyutils:LatencyUtils:jar:2.0.3 License: BSD License License: [37] Copyright: [38] Dependency: org.dom4j:dom4j:jar:2.1.3 License: BSD License License: [41] Copyright: [42] Dependency: org.hibernate.common:hibernate-commons-annotations:jar:5.1.2.Final License: LGPLv2.1 License: [43] Copyright: [44] Dependency: org.javassist:javassist:jar:3.27.0-GA License: MPL 1.1 or LGPL2.1 or APL 2.0 License: [46] Copyright: [47] Dependency: com.github.stephenc.jcip:jcip-annotations:1.0-1 License: Apache License Version 2.0 License: [0] Copyright: [50] Dependency: org.reactivestreams:reactive-streams:jar:1.0.3 License: Public Domain License: [60] Copyright: [61] jackson-core [51] jackson-datatype-jdk8 [52] jackson-datatype-jsr310 [53] jackson-module-parameter-names [54] jackson-dataformat-xml [55] jackson-databind [56] jackson-annotations [57] log4j-api [58] log4j-to-slf4j [59] ++++++</p> <p>References ++++++ ++++++</p> <p>+++++ ===== Start of Reference [0]</p> <p>===== Top Level Component Copyright:</p> <p>===== /* *</p> <p>Copyright 2012-2020 the original author or authors. * *</p> <p>Licensed under the Apache License, Version 2.0 (the "License"); * you may not use this file except in compliance with the License. * You may obtain a copy of the License at *</p> <p>* <a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a> * * Unless required by applicable law or agreed to in writing, software * distributed under the License is distributed on an "AS IS" BASIS, * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. * See the License for the specific language governing permissions and * limitations under the License. */</p> <p>=====</p> <p>APACHE 2.0 - See <a href="#">Appendix E</a></p> <p>===== End of Reference [0]</p> <p>===== Start of</p> <p>Reference [1] ===== /* * Copyright 2012-2021 the original author or authors. * * Licensed under the Apache License, Version 2.0 (the "License"); * you may not use this</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>file except in compliance with the License. * You may obtain a copy of the License at * * <a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a> * * Unless required by applicable law or agreed to in writing, software * distributed under the License is distributed on an "AS IS" BASIS, * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. * See the License for the specific language governing permissions and * limitations under the License. */</p> <p>===== End of Reference [1]</p> <p>===== Start of Reference [2] =====</p> <p>APACHE 2.0 - See <a href="#">Appendix E</a></p> <p>=====</p> <p>===== To the extent any open source subcomponents are licensed under the EPL and/or other similar licenses that require the source code and/or modifications to source code to be made available (as would be noted above), you may obtain a copy of the source code corresponding to the binaries for such open source components and modifications thereto, if any, (the "Source Files"), by downloading the Source Files from <a href="https://www.springsource.org/download">https://www.springsource.org/download</a>, or by sending a request, with your name and address to: VMware, Inc., 3401 Hillview Avenue, Palo Alto, CA 94304, United States of America or email <a href="mailto:info@vmware.com">info@vmware.com</a>. All such requests should clearly specify: OPEN SOURCE FILES REQUEST, Attention General Counsel. VMware shall mail a copy of the Source Files to you on a CD or equivalent physical medium. This offer to obtain a copy of the Source Files is valid for three years from the date you acquired this Software product.</p> <p>===== End of Reference [2]</p> <p>===== Start of Reference [3] =====</p> <p>Spring Data JPA 2.5.1 Copyright (c) [2011-2019] Pivotal Software, Inc. This product is licensed to you under the Apache License, Version 2.0 (the "License"). You may not use this product except in compliance with the License. This product may include a number of subcomponents with separate copyright notices and license terms. Your use of the source code for the these subcomponents is subject to the terms and conditions of the subcomponent's license, as noted in the LICENSE file.</p> <p>===== End of Reference [3]</p> <p>===== Start of Reference [4] =====</p> <p>Spring Data JPA 2.5.1 (2020.0.8) Copyright (c) [2011-2019] Pivotal Software, Inc. This product is licensed to you under the Apache License, Version 2.0 (the "License"). You may not use this product except in compliance with the License. This product may include a number of subcomponents with separate copyright notices and license terms. Your use of the source code for the these subcomponents is subject to the terms and conditions of the subcomponent's license, as noted in the LICENSE file. ===== End of Reference [4]</p> <p>===== Start of Reference [5] =====</p> <p>Micrometer Copyright (c) 2017-Present VMware, Inc. All Rights Reserved. Licensed under the Apache License, Version 2.0 (the "License"); you</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>may not use this file except in compliance with the License. You may obtain a copy of the License at <a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a> Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.</p> <p>-----</p> <p>This product contains a modified portion of 'io.netty.util.internal.logging', in the Netty/Common library distributed by The Netty Project: * Copyright 2013 The Netty Project * License: Apache License v2.0 * Homepage: <a href="https://netty.io">https://netty.io</a> This product contains a modified portion of 'StringUtils.isBlank()', in the Commons Lang library distributed by The Apache Software Foundation: * Copyright 2001-2019 The Apache Software Foundation * License: Apache License v2.0 * Homepage: <a href="https://commons.apache.org/proper/commons-lang/">https://commons.apache.org/proper/commons-lang/</a> This product contains a modified portion of 'JsonUtf8Writer', in the Moshi library distributed by Square, Inc: * Copyright 2010 Google Inc. * License: Apache License v2.0 * Homepage: <a href="https://github.com/square/moshi">https://github.com/square/moshi</a> This product contains a modified portion of the 'org.springframework.lang' package in the Spring Framework library, distributed by VMware, Inc: * Copyright 2002-2019 the original author or authors. * License: Apache License v2.0 * Homepage: <a href="https://spring.io/projects/spring-framework">https://spring.io/projects/spring-framework</a> ===== End of Reference [5] ===== Start of Reference [6] ===== EPL Version 1.0 - See <a href="#">Appendix J</a> ===== End of Reference [6] ===== Start of Reference [7] ===== * Copyright (c) 2005 Contributors. * All rights reserved. * This program and the accompanying materials are made available * under the terms of the Eclipse Public License v1.0 * which accompanies this distribution and is available at * <a href="http://eclipse.org/legal/epl-v10.html">http://eclipse.org/legal/epl-v10.html</a> ===== End of Reference [7] ===== Start of Reference [8] ===== Java ClassMate library was originally written by Tatu Saloranta (tatu.saloranta@iki.fi) Other developers who have contributed code are: * Brian Langel ===== End of Reference [8] ===== Start of Reference [9] ===== Apache Commons Lang Copyright 2001-2020 The Apache Software Foundation This product includes software developed at The Apache Software Foundation (<a href="https://www.apache.org/">https://www.apache.org/</a>). ===== End of Reference [9] ===== Start of Reference [12] ===== EPL Version 2.0 - See <a href="#">ECLIPSE 2.0 License</a> Linking this library statically or dynamically with other modules is making a combined work based on this library.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Thus, the terms and conditions of the GNU General Public License version 2 cover the whole combination. As a special exception, the copyright holders of this library give you permission to link this library with independent modules to produce an executable, regardless of the license terms of these independent modules, and to copy and distribute the resulting executable under terms of your choice, provided that you also meet, for each linked independent module, the terms and conditions of the license of that module. An independent module is a module which is not derived from or based on this library. If you modify this library, you may extend this exception to your version of the library, but you are not obligated to do so. If you do not wish to do so, delete this exception statement from your version.</p> <p>===== End of Reference [12]<br/>=====</p> <p>===== Start of Reference [15]<br/>=====</p> <p>/*<br/>* Hibernate Validator, declare and validate application constraints<br/>*<br/>* License: Apache License, Version 2.0<br/>* See the license.txt file in the root directory or .<br/>*/</p> <p>===== End of Reference [15]<br/>=====</p> <p>===== Start of Reference [16]<br/>=====</p> <p>Copyright (C) 2013,2014 Brett Wooldridge<br/>===== End of Reference [16]<br/>=====</p> <p>===== Start of Reference [20]<br/>=====</p> <p>All content is the property of the respective authors or their employers. For more information regarding authorship of content, please consult the listed source code repository logs.<br/>===== End of Reference [20]<br/>=====</p> <p>===== Start of Reference [21]<br/>=====</p> <p>EPL Version 2.0 - See <a href="#">ECLIPSE 2.0 License</a></p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>===== End of Reference [21]<br/>=====</p> <p>===== Start of Reference [22]<br/>=====</p> <p>EPL Version 1.0 - See <a href="#">Appendix J</a><br/>See <a href="#">Appendix M</a></p> <p>===== END of Reference [22]<br/>===== Start of<br/>Reference [23] ===== Copyright (c)<br/>2004-2017 QOS.ch All rights reserved.<br/>See <a href="#">Appendix G</a></p> <p>===== End of Reference [23]<br/>===== Start of<br/>Reference [24] ===== Copyright (c)<br/>2004-2017 QOS.ch ===== End of Reference<br/>[24] ===== Start of<br/>Reference [25] ===== Copyright (c)<br/>2004-2017 QOS.ch ===== End of Reference<br/>[25] ===== Start of<br/>Reference [26] ===== Copyright (c) 2008,<br/><a href="http://www.snakeyaml.org">http://www.snakeyaml.org</a> Licensed under the Apache<br/>License, Version 2.0 (the "License"); you may not use this file<br/>except in compliance with the License. You may obtain a<br/>copy of the License at <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/<br/>LICENSE-2.0</a> Unless required by applicable law or agreed to<br/>in writing, software distributed under the License is<br/>distributed on an "AS IS" BASIS, WITHOUT WARRANTIES<br/>OR CONDITIONS OF ANY KIND, either express or implied.<br/>See the License for the specific language governing<br/>permissions and limitations under the License.<br/>===== End of Reference [26]<br/>===== Start of<br/>Reference [27] ===== Apache Tomcat<br/>Copyright 1999-2021 The Apache Software Foundation This<br/>product includes software developed at The Apache<br/>Software Foundation (<a href="https://www.apache.org/">https://www.apache.org/</a>). This<br/>software contains code derived from netty-native developed<br/>by the Netty project (<a href="https://netty.io">https://netty.io</a>, <a href="https://github.com/netty/netty-tcnative/">https://github.com/netty/<br/>netty-tcnative/</a>) and from finagle-native developed at Twitter<br/>(<a href="https://github.com/twitter/finagle">https://github.com/twitter/finagle</a>). This software contains<br/>code derived from jgroups-kubernetes developed by the<br/>JGroups project (<a href="http://www.jgroups.org/">http://www.jgroups.org/</a>). The Windows<br/>Installer is built with the Nullsoft Scriptable Install System<br/>(NSIS), which is open source software. The original software<br/>and related information is available at <a href="http://nsis.sourceforge.net">http://<br/>nsis.sourceforge.net</a>. Java compilation software for JSP<br/>pages is provided by the Eclipse JDT Core Batch Compiler<br/>component, which is open source software. The original<br/>software and related information is available at <a href="https://www.eclipse.org/jdt/core/">https://<br/>www.eclipse.org/jdt/core/</a>.<br/><a href="https://github.com/RobertFischer/json-parser">org.apache.tomcat.util.json.JSONParser.jj</a> is a public domain<br/>javacc grammar for JSON written by Robert Fischer. <a href="https://github.com/RobertFischer/json-parser">https://<br/>github.com/RobertFischer/json-parser</a> For portions of the<br/>Tomcat JNI OpenSSL API and the OpenSSL JSSE</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>integration The org.apache.tomcat.jni and the org.apache.tomcat.net.openssl packages are derivative work originating from the Netty project and the finagle-native project developed at Twitter * Copyright 2014 The Netty Project * Copyright 2014 Twitter For portions of the Tomcat cloud support The</p> <p>org.apache.catalina.tribes.membership.cloud package contains derivative work originating from the jgroups project. <a href="https://github.com/jgroups-extras/jgroups-kubernetes">https://github.com/jgroups-extras/jgroups-kubernetes</a> Copyright 2002-2018 Red Hat Inc. The original XML Schemas for Java EE Deployment Descriptors: - javaee_5.xsd - javaee_web_services_1_2.xsd - javaee_web_services_client_1_2.xsd - javaee_6.xsd - javaee_web_services_1_3.xsd - javaee_web_services_client_1_3.xsd - jsp_2_2.xsd - web-app_3_0.xsd - web-common_3_0.xsd - web-fragment_3_0.xsd - javaee_7.xsd - javaee_web_services_1_4.xsd - javaee_web_services_client_1_4.xsd - jsp_2_3.xsd - web-app_3_1.xsd - web-common_3_1.xsd - web-fragment_3_1.xsd - javaee_8.xsd - web-app_4_0.xsd - web-common_4_0.xsd - web-fragment_4_0.xsd may be obtained from: <a href="http://www.oracle.com/webfolder/technetwork/jsc/xml/ns/javaee/index.html">http://www.oracle.com/webfolder/technetwork/jsc/xml/ns/javaee/index.html</a></p> <p>===== End of Reference [27]</p> <p>===== Start of Reference [28] ===== # Licensed to the Apache Software Foundation (ASF) under one or more # contributor license agreements. See the NOTICE file distributed with # this work for additional information regarding copyright ownership. # The ASF licenses this file to You under the Apache License, Version 2.0 # (the "License"); you may not use this file except in compliance with # the License. You may obtain a copy of the License at # <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a> # # Unless required by applicable law or agreed to in writing, software # distributed under the License is distributed on an "AS IS" BASIS, # WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. # See the License for the specific language governing permissions and # limitations under the License. Copyright 1999-2020 The Apache Software Foundation ===== End of Reference [28] =====</p> <p>Start of Reference [29] ===== /* * JBoss, Home of Professional Open Source. * * Copyright 2011 Red Hat, Inc., and individual contributors * as indicated by the @author tags. * * Licensed under the Apache License, Version 2.0 (the "License"); * you may not use this file except in compliance with the License. * You may obtain a copy of the License at * * <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a> * * Unless required by applicable law or agreed to in writing, software * distributed under the License is distributed on an "AS IS" BASIS, * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. * See the License for the specific language governing permissions and * limitations under the License. */</p> <p>===== End of Reference [29]</p> |

Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>===== Start of Reference [30] =====<br/> /* Copyright 2014 - Present Rafael Winterhalter */<br/> Licensed under the Apache License, Version 2.0 (the "License");<br/> * you may not use this file except in compliance with the License.<br/> * You may obtain a copy of the License at<br/> * http://www.apache.org/licenses/LICENSE-2.0<br/> * Unless required by applicable law or agreed to in writing,<br/> software * distributed under the License is distributed on an<br/> "AS IS" BASIS, * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND,<br/> either express or implied. * See the License for the specific<br/> language governing permissions and * limitations under the License.<br/> */<br/> ===== End of Reference [30] =====</p> <p>===== Start of Reference [31] =====<br/> SOFTWARE RIGHTS<br/> ANTLR 1989-2006 Developed by Terence Parr Partially supported<br/> by University of San Francisco &amp; jGuru.com We reserve no legal<br/> rights to the ANTLR--it is fully in the public domain. An<br/> individual or company may do whatever they wish with source<br/> code distributed with ANTLR or the code generated by ANTLR,<br/> including the incorporation of ANTLR, or its output, into<br/> commercial software. We encourage users to develop software<br/> with ANTLR. However, we do ask that credit is given to us for<br/> developing ANTLR. By "credit", we mean that if you use ANTLR<br/> or incorporate any source code into one of your programs<br/> (commercial product, research project, or otherwise) that you<br/> acknowledge this fact somewhere in the documentation,<br/> research report, etc... If you like ANTLR and have developed<br/> a nice tool with the output, please mention that you developed<br/> it using ANTLR. In addition, we ask that the headers remain<br/> intact in our source code. As long as these guidelines are<br/> kept, we expect to continue enhancing this system and expect<br/> to make other tools available as they are completed. The<br/> primary ANTLR guy: Terence Parr parrt@cs.usfca.edu<br/> parrt@antlr.org<br/> ===== End of Reference [31] =====</p> <p>===== Start of Reference [32] =====<br/> copyright: ANTLR 1989-2006 Developed by Terence Parr<br/> Partially supported by University of San Francisco &amp; jGuru.com<br/> We reserve no legal rights to the ANTLR--it is fully in the<br/> public domain. An individual or company may do whatever they<br/> wish with source code distributed with ANTLR or the code<br/> generated by ANTLR, including the incorporation of ANTLR,<br/> or its output, into commercial software.<br/> ===== End of Reference [32] =====</p> <p>===== Start of Reference [35] =====<br/> Copyright (c) 2012, 2013, 2014, 2015, 2016 Gil Tene<br/> Copyright (c) 2014 Michael Barker Copyright (c) 2014<br/> Matt Warren All rights reserved.<br/> See <a href="#">Appendix M</a><br/> ===== End of Reference [35] =====</p> <p>===== Start of Reference [36] =====<br/> Copyright (c) 2012, 2013, 2014, 2015, 2016 Gil Tene<br/> Copyright (c) 2014 Michael Barker Copyright (c) 2014<br/> Matt Warren All rights reserved.<br/> ===== End of Reference [36] =====</p> |

Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>===== Start of Reference [37] ===== Copyright (c) 2012, 2013, 2014 Gil Tene All rights reserved.<br/>See <a href="#">Appendix M</a></p> <p>===== End of Reference [37]</p> <p>===== Start of Reference [38] ===== Copyright (c) 2012, 2013, 2014 Gil Tene All rights reserved.<br/>===== End of Reference [38]</p> <p>===== Start of Reference [41] ===== Copyright 2001-2016 (C) MetaStuff, Ltd. and DOM4J contributors. All Rights Reserved. Redistribution and use of this software and associated documentation ("Software"), with or without modification, are permitted provided that the following conditions are met: 1. Redistributions of source code must retain copyright statements and notices. Redistributions must also contain a copy of this document. 2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution. 3. The name "DOM4J" must not be used to endorse or promote products derived from this Software without prior written permission of MetaStuff, Ltd. For written permission, please contact dom4j-info@metastuff.com. 4. Products derived from this Software may not be called "DOM4J" nor may "DOM4J" appear in their names without prior written permission of MetaStuff, Ltd. DOM4J is a registered trademark of MetaStuff, Ltd. 5. Due credit should be given to the DOM4J Project - <a href="https://dom4j.github.io/">https://dom4j.github.io/</a> THIS SOFTWARE IS PROVIDED BY METASTUFF, LTD. AND CONTRIBUTORS ``AS IS" AND ANY EXPRESSED OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL METASTUFF, LTD. OR ITS CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE. ===== End of Reference [41] =====</p> <p>===== Start of Reference [42] ===== Copyright 2001-2016 (C) MetaStuff, Ltd. and DOM4J contributors. All Rights Reserved. ===== End of Reference [42]</p> <p>===== Start of Reference [43] =====<br/> <a href="#">LGPL v2.1</a> - See <a href="#">Appendix T</a></p> <p>===== End of Reference [43]</p> <p>===== Start of</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Reference [44] ===== /* * Hibernate, Relational Persistence for Idiomatic Java * * License: GNU Lesser General Public License (LGPL), version 2.1 or later. * See the lgpl.txt file in the root directory or . */ ===== End of Reference [44]</p> <p>===== Start of Reference [45] ===== /* * JBoss, Home of Professional Open Source. * Copyright 2013 Red Hat, Inc., and individual contributors * as indicated by the @author tags. * * Licensed under the Apache License, Version 2.0 (the "License"); * you may not use this file except in compliance with the License. * You may obtain a copy of the License at * * http://www.apache.org/licenses/LICENSE-2.0 * Unless required by applicable law or agreed to in writing, software * distributed under the License is distributed on an "AS IS" BASIS, * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. * See the License for the specific language governing permissions and * limitations under the License. */ ===== End of Reference [45]</p> <p>===== Start of Reference [46] =====</p> <p>MOZILLA PUBLIC LICENSE Version 1.1 1. Definitions. 1.0.1. "Commercial Use" means distribution or otherwise making the Covered Code available to a third party. 1.1. "Contributor" means each entity that creates or contributes to the creation of Modifications. 1.2. "Contributor Version" means the combination of the Original Code, prior Modifications used by a Contributor, and the Modifications made by that particular Contributor. 1.3. "Covered Code" means the Original Code or Modifications or the combination of the Original Code and Modifications, in each case including portions thereof. 1.4. "Electronic Distribution Mechanism" means a mechanism generally accepted in the software development community for the electronic transfer of data. 1.5. "Executable" means Covered Code in any form other than Source Code. 1.6. "Initial Developer" means the individual or entity identified as the Initial Developer in the Source Code notice required by Exhibit A. 1.7. "Larger Work" means a work which combines Covered Code or portions thereof with code not governed by the terms of this License. 1.8. "License" means this document. 1.8.1. "Licensable" means having the right to grant, to the maximum extent possible, whether at the time of the initial grant or subsequently acquired, any and all of the rights conveyed herein. 1.9. "Modifications" means any addition to or deletion from the substance or structure of either the Original Code or any previous Modifications. When Covered Code is released as a series of</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>files, a Modification is: A. Any addition to or deletion from the contents of a file containing Original Code or previous Modifications. B. Any new file that contains any part of the Original Code or previous Modifications. 1.10. 'Original Code' means Source Code of computer software code which is described in the Source Code notice required by Exhibit A as Original Code, and which, at the time of its release under this License is not already Covered Code governed by this License. 1.10.1. "Patent Claims" means any patent claim(s), now owned or hereafter acquired, including without limitation, method, process, and apparatus claims, in any patent Licensable by grantor. 1.11. 'Source Code' means the preferred form of the Covered Code for making modifications to it, including all modules it contains, plus any associated interface definition files, scripts used to control compilation and installation of an Executable, or source code differential comparisons against either the Original Code or another well known, available Covered Code of the Contributor's choice. The Source Code can be in a compressed or archival form, provided the appropriate decompression or de-archiving software is widely available for no charge. 1.12. "You" (or "Your") means an individual or a legal entity exercising rights under, and complying with all of the terms of, this License or a future version of this License issued under Section 6.1. For legal entities, "You" includes any entity which controls, is controlled by, or is under common control with You. For purposes of this definition, "control" means (a) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (b) ownership of more than fifty percent (50%) of the outstanding shares or beneficial ownership of such entity. 2. Source Code License. 2.1. The Initial Developer Grant. The Initial Developer hereby grants You a world-wide, royalty-free, non-exclusive license, subject to third party intellectual property claims: (a) under intellectual property rights (other than patent or trademark) Licensable by Initial Developer to use, reproduce, modify, display, perform, sublicense and distribute the Original Code (or portions thereof) with or without Modifications, and/or as part of a Larger Work; and (b) under Patents Claims infringed by the making, using or selling of Original Code, to make, have made, use, practice, sell, and offer for sale, and/or otherwise dispose of the Original Code (or portions thereof). (c) the licenses granted in</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>this Section 2.1(a) and (b) are effective on the date Initial Developer first distributes Original Code under the terms of this License. (d) Notwithstanding Section 2.1(b) above, no patent license is granted: 1) for code that You delete from the Original Code; 2) separate from the Original Code; or 3) for infringements caused by: i) the modification of the Original Code or ii) the combination of the Original Code with other software or devices. 2.2. Contributor Grant. Subject to third party intellectual property claims, each Contributor hereby grants You a world-wide, royalty-free, non-exclusive license (a) under intellectual property rights (other than patent or trademark) Licensable by Contributor, to use, reproduce, modify, display, perform, sublicense and distribute the Modifications created by such Contributor (or portions thereof) either on an unmodified basis, with other Modifications, as Covered Code and/or as part of a Larger Work; and (b) under Patent Claims infringed by the making, using, or selling of Modifications made by that Contributor either alone and/or in combination with its Contributor Version (or portions of such combination), to make, use, sell, offer for sale, have made, and/or otherwise dispose of: 1) Modifications made by that Contributor (or portions thereof); and 2) the combination of Modifications made by that Contributor with its Contributor Version (or portions of such combination). (c) the licenses granted in Sections 2.2(a) and 2.2(b) are effective on the date Contributor first makes Commercial Use of the Covered Code. (d) Notwithstanding Section 2.2(b) above, no patent license is granted: 1) for any code that Contributor has deleted from the Contributor Version; 2) separate from the Contributor Version; 3) for infringements caused by: i) third party modifications of Contributor Version or ii) the combination of Modifications made by that Contributor with other software (except as part of the Contributor Version) or other devices; or 4) under Patent Claims infringed by Covered Code in the absence of Modifications made by that Contributor. 3. Distribution Obligations. 3.1. Application of License. The Modifications which You create or to which You contribute are governed by the terms of this License, including without limitation Section 2.2. The Source Code version of Covered Code may be distributed only under the terms of this License or a future version of this License released under Section 6.1, and You must include a copy of this License with every copy of the Source Code You distribute. You may not offer</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>or impose any terms on any Source Code version that alters or restricts the applicable version of this License or the recipients' rights hereunder. However, You may include an additional document offering the additional rights described in Section 3.5. 3.2. Availability of Source Code. Any Modification which You create or to which You contribute must be made available in Source Code form under the terms of this License either on the same media as an Executable version or via an accepted Electronic Distribution Mechanism to anyone to whom you made an Executable version available; and if made available via Electronic Distribution Mechanism, must remain available for at least twelve (12) months after the date it initially became available, or at least six (6) months after a subsequent version of that particular Modification has been made available to such recipients. You are responsible for ensuring that the Source Code version remains available even if the Electronic Distribution Mechanism is maintained by a third party. 3.3. Description of Modifications. You must cause all Covered Code to which You contribute to contain a file documenting the changes You made to create that Covered Code and the date of any change. You must include a prominent statement that the Modification is derived, directly or indirectly, from Original Code provided by the Initial Developer and including the name of the Initial Developer in (a) the Source Code, and (b) in any notice in an Executable version or related documentation in which You describe the origin or ownership of the Covered Code. 3.4. Intellectual Property Matters (a) Third Party Claims. If Contributor has knowledge that a license under a third party's intellectual property rights is required to exercise the rights granted by such Contributor under Sections 2.1 or 2.2, Contributor must include a text file with the Source Code distribution titled "LEGAL" which describes the claim and the party making the claim in sufficient detail that a recipient will know whom to contact. If Contributor obtains such knowledge after the Modification is made available as described in Section 3.2, Contributor shall promptly modify the LEGAL file in all copies Contributor makes available thereafter and shall take other steps (such as notifying appropriate mailing lists or newsgroups) reasonably calculated to inform those who received the Covered Code that new knowledge has been obtained. (b) Contributor APIs. If Contributor's Modifications include an application programming interface and Contributor has knowledge of patent licenses which are reasonably</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>necessary to implement that API, Contributor must also include this information in the LEGAL file. (c) Representations. Contributor represents that, except as disclosed pursuant to Section 3.4(a) above, Contributor believes that Contributor's Modifications are Contributor's original creation(s) and/or Contributor has sufficient rights to grant the rights conveyed by this License. 3.5. Required Notices. You must duplicate the notice in Exhibit A in each file of the Source Code. If it is not possible to put such notice in a particular Source Code file due to its structure, then You must include such notice in a location (such as a relevant directory) where a user would be likely to look for such a notice. If You created one or more Modification(s) You may add your name as a Contributor to the notice described in Exhibit A. You must also duplicate this License in any documentation for the Source Code where You describe recipients' rights or ownership rights relating to Covered Code. You may choose to offer, and to charge a fee for, warranty, support, indemnity or liability obligations to one or more recipients of Covered Code. However, You may do so only on Your own behalf, and not on behalf of the Initial Developer or any Contributor. You must make it absolutely clear than any such warranty, support, indemnity or liability obligation is offered by You alone, and You hereby agree to indemnify the Initial Developer and every Contributor for any liability incurred by the Initial Developer or such Contributor as a result of warranty, support, indemnity or liability terms You offer. 3.6. Distribution of Executable Versions. You may distribute Covered Code in Executable form only if the requirements of Section 3.1-3.5 have been met for that Covered Code, and if You include a notice stating that the Source Code version of the Covered Code is available under the terms of this License, including a description of how and where You have fulfilled the obligations of Section 3.2. The notice must be conspicuously included in any notice in an Executable version, related documentation or collateral in which You describe recipients' rights relating to the Covered Code. You may distribute the Executable version of Covered Code or ownership rights under a license of Your choice, which may contain terms different from this License, provided that You are in compliance with the terms of this License and that the license for the Executable version does not attempt to limit or alter the recipient's rights in the Source Code version from the rights set</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>forth in this License. If You distribute the Executable version under a different license You must make it absolutely clear that any terms which differ from this License are offered by You alone, not by the Initial Developer or any Contributor. You hereby agree to indemnify the Initial Developer and every Contributor for any liability incurred by the Initial Developer or such Contributor as a result of any such terms You offer.</p> <p>3.7. Larger Works. You may create a Larger Work by combining Covered Code with other code not governed by the terms of this License and distribute the Larger Work as a single product. In such a case, You must make sure the requirements of this License are fulfilled for the Covered Code.</p> <p>4. Inability to Comply Due to Statute or Regulation. If it is impossible for You to comply with any of the terms of this License with respect to some or all of the Covered Code due to statute, judicial order, or regulation then You must: (a) comply with the terms of this License to the maximum extent possible; and (b) describe the limitations and the code they affect. Such description must be included in the LEGAL file described in Section 3.4 and must be included with all distributions of the Source Code. Except to the extent prohibited by statute or regulation, such description must be sufficiently detailed for a recipient of ordinary skill to be able to understand it.</p> <p>5. Application of this License. This License applies to code to which the Initial Developer has attached the notice in Exhibit A and to related Covered Code.</p> <p>6. Versions of the License.</p> <p>6.1. New Versions. Netscape Communications Corporation ('Netscape') may publish revised and/or new versions of the License from time to time. Each version will be given a distinguishing version number.</p> <p>6.2. Effect of New Versions. Once Covered Code has been published under a particular version of the License, You may always continue to use it under the terms of that version. You may also choose to use such Covered Code under the terms of any subsequent version of the License published by Netscape. No one other than Netscape has the right to modify the terms applicable to Covered Code created under this License.</p> <p>6.3. Derivative Works. If You create or use a modified version of this License (which you may only do in order to apply it to code which is not already Covered Code governed by this License), You must (a) rename Your license so that the phrases 'Mozilla', 'MOZILLAPL', 'MOZPL', 'Netscape', 'MPL', 'NPL' or any confusingly similar phrase do not appear in your license (except to note that your license differs from</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>this License) and (b) otherwise make it clear that Your version of the license contains terms which differ from the Mozilla Public License and Netscape Public License. (Filling in the name of the Initial Developer, Original Code or Contributor in the notice described in Exhibit A shall not of themselves be deemed to be modifications of this License.) 7. DISCLAIMER OF WARRANTY. COVERED CODE IS PROVIDED UNDER THIS LICENSE ON AN "AS IS" BASIS, WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, WITHOUT LIMITATION, WARRANTIES THAT THE COVERED CODE IS FREE OF DEFECTS, MERCHANTABILITY, FIT FOR A PARTICULAR PURPOSE OR NON-INFRINGEMENT. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE COVERED CODE IS WITH YOU. SHOULD ANY COVERED CODE PROVE DEFECTIVE IN ANY RESPECT, YOU (NOT THE INITIAL DEVELOPER OR ANY OTHER CONTRIBUTOR) ASSUME THE COST OF ANY NECESSARY SERVICING, REPAIR OR CORRECTION. THIS DISCLAIMER OF WARRANTY CONSTITUTES AN ESSENTIAL PART OF THIS LICENSE. NO USE OF ANY COVERED CODE IS AUTHORIZED HEREUNDER EXCEPT UNDER THIS DISCLAIMER. 8. TERMINATION.</p> <p>8.1. This License and the rights granted hereunder will terminate automatically if You fail to comply with terms herein and fail to cure such breach within 30 days of becoming aware of the breach. All sublicenses to the Covered Code which are properly granted shall survive any termination of this License. Provisions which, by their nature, must remain in effect beyond the termination of this License shall survive. 8.2. If You initiate litigation by asserting a patent infringement claim (excluding declaratory judgment actions) against Initial Developer or a Contributor (the Initial Developer or Contributor against whom You file such action is referred to as "Participant") al</p> <p>===== End of Reference [46]<br/>=====</p> <p>===== Start of Reference [47]<br/>=====</p> <pre> /*  * Javassist, a Java-bytecode translator toolkit.  * Copyright (C) 1999- Shigeru Chiba. All Rights  * Reserved.  *  * The contents of this file are subject to the  * Mozilla Public License Version  * 1.1 (the "License"); you may not use this file  * except in compliance with  * the License. Alternatively, the contents of  * this file may be used under  * the terms of the GNU Lesser General Public </pre> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <pre> License Version 2.1 or later, * or the Apache License Version 2.0. * * Software distributed under the License is distributed on an "AS IS" basis, * WITHOUT WARRANTY OF ANY KIND, either express or implied. See the License * for the specific language governing rights and limitations under the * License. */ ===== End of Reference [47] =====  ===== Start of Reference [50] ===== /* * Copyright 2013 Stephen Connolly. * * Licensed under the Apache License, Version 2.0 (the "License"); * you may not use this file except in compliance with the License. * You may obtain a copy of the License at * *     http://www.apache.org/licenses/LICENSE-2.0 * * Unless required by applicable law or agreed to in writing, software * distributed under the License is distributed on an "AS IS" BASIS, * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. * See the License for the specific language governing permissions and * limitations under the License. */ ===== End of Reference [50] =====  ===== Start of Reference [51] ===== jackson-core Jackson JSON-processor.      Copyright (c) 2007- Tatu Saloranta, tatu.saloranta@iki.fi ===== End of Reference [51] =====  ===== Start of Reference [52] ===== jackson-datatype-jdk8 FOURTH-PARTY DEPENDENCY COPYRIGHT NOTICES : </pre> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Copyright 2013 FasterXML.com</p> <p>Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at</p> <p><a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the license for the specific language governing permissions and limitations under the license.</p> <p>===== End of Reference [52]<br/>=====</p> <p>===== Start of Reference [53]<br/>=====</p> <p>jackson-datatype-jsr310</p> <p>Copyright 2013 FasterXML.com</p> <p>Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at</p> <p><a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the license for the specific language governing permissions and limitations under the license.</p> <p>===== End of Reference [53]<br/>=====</p> <p>===== Start of Reference [54]<br/>=====</p> <p>FOURTH-PARTY DEPENDENCY : jackson-module-parameter-</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>names</p> <p>Copyright 2013 FasterXML.com</p> <p>Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at</p> <p><a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the license for the specific language governing permissions and limitations under the license.</p> <p>===== End of Reference [54]<br/>=====</p> <p>===== Start of Reference [55]<br/>=====</p> <p>FOURTH-PARTY DEPENDENCY NAME : jackson-dataformat-xml</p> <p># Jackson JSON processor</p> <p>Jackson is a high-performance, Free/Open Source JSON processing library. It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007. It is currently developed by a community of developers, as well as supported commercially by FasterXML.com.</p> <p>## Licensing</p> <p>Jackson core and extension components may be licensed under different licenses. To find the details that apply to this artifact see the accompanying LICENSE file. For more information, including possible other licensing options, contact FasterXML.com (<a href="http://fasterxml.com">http://fasterxml.com</a>).</p> <p>## Credits</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>A list of contributors may be found from CREDITS file, which is included in some artifacts (usually source distributions); but is always available from the source code management (SCM) system project uses.</p> <p>===== End of Reference [55]<br/>=====</p> <p>===== End of Reference [56]<br/>=====</p> <p>FOURTH-PARTY DEPENDENCY NAME: jackson-databind<br/>FOURTH-PARTY DEPENDENCY COPYRIGHT NOTICES:</p> <p># Jackson JSON processor</p> <p>Jackson is a high-performance, Free/Open Source JSON processing library. It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007. It is currently developed by a community of developers, as well as supported commercially by FasterXML.com.</p> <p>## Licensing</p> <p>Jackson core and extension components may be licensed under different licenses. To find the details that apply to this artifact see the accompanying LICENSE file. For more information, including possible other licensing options, contact FasterXML.com (<a href="http://fasterxml.com">http://fasterxml.com</a>).</p> <p>## Credits</p> <p>A list of contributors may be found from CREDITS file, which is included in some artifacts (usually source distributions); but is always available from the source code management (SCM) system project uses.</p> <p>===== End of Reference [56]<br/>=====</p> <p>===== start of Reference [57]<br/>=====</p> <p>FOURTH-PARTY DEPENDENCY NAME : jackson-annotations<br/>Copyright © 2008-2020 FasterXML. All rights</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <pre> reserved.  ===== End of Reference [57] =====  ===== Start of Reference [58] =====  FOURTH-PARTY DEPENDENCY NAME: log4j-api      Apache Log4j API     Copyright 1999-2020 The Apache Software     Foundation      This product includes software developed at     The Apache Software Foundation (<a href="http://www.apache.org/">http://     www.apache.org/</a>).  ===== End of Reference [58] =====  ===== Start of Reference [59] ===== FOURTH-PARTY DEPENDENCY NAME : log4j-to-slf4j      Apache Log4j to SLF4J Adapter     Copyright 1999-2020 The Apache Software     Foundation      This product includes software developed at     The Apache Software Foundation (<a href="http://www.apache.org/">http://     www.apache.org/</a>).  ===== End of Reference [59] =====  ===== Start of Reference [60] ===== Licensed under Public Domain (CC0)  To the extent possible under law, the person who associated CC0 with this code has waived all copyright and related or neighboring rights to this code.  You should have received a copy of the CC0 legalcode along with this work. If not, see .  ===== End of Reference [60] ===== </pre> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider              | Component (s)                   | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                |
|-----------------------|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                       |                                 | <p>===== Start of Reference [61]<br/>=====</p> <p>Licensed under Public Domain (CC0)</p> <p>To the extent possible under law, the person who associated CC0 with this code has waived all copyright and related or neighboring rights to this code.</p> <p>You should have received a copy of the CC0 legalcode along with this work. If not, see .</p> <p>===== End of Reference [61]<br/>=====</p> |
| Pivotal Software, Inc | spring-boot-autoconfigure 2.2.4 | APACHE 2.0 - See <a href="#">Appendix E</a>                                                                                                                                                                                                                                                                                                                                                          |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider              | Component (s)              | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-----------------------|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Pivotal Software, Inc | spring-boot-devtools 2.7.1 | <p>Top Level Component Copyright:<br/>=====</p> <p>Spring Boot<br/>Copyright (c) 2012-2022 Pivotal, Inc.<br/>This product is licensed to you under the Apache License, Version 2.0 (the "License"). You may not use this product except in compliance with the License.<br/>=====</p> <p>org.springframework.boot:spring-boot-devtools</p> <pre> /*  * Copyright 2012-2019 Pivotal Software, Inc.  *  * Licensed under the Apache License, Version 2.0  (the "License");  * you may not use this file except in compliance  with the License.  * You may obtain a copy of the License at  *  *     https://www.apache.org/licenses/LICENSE-2.0  *  * Unless required by applicable law or agreed to  in writing, software  * distributed under the License is distributed on  an "AS IS" BASIS,  * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND,  either express or implied.  * See the License for the specific language  governing permissions and  * limitations under the License.  */ </pre> <p>Notice:</p> <p>Spring Boot<br/>Copyright (c) 2012-2022 Pivotal, Inc.<br/>This product is licensed to you under the Apache License, Version 2.0 (the "License"). You may not use this product except in compliance with the License.<br/>=====</p> <p>Apache License</p> <p>APACHE 2.0 - See <a href="#">Appendix E</a></p> <p>Fourth Party Dependencies:</p> <p>spring-boot<br/>spring-boot-autoconfigure</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>APACHE 2.0 - See <a href="#">Appendix E</a></p> <p>Fourth Party Dependencies:</p> <p>spring-core<br/>spring-jcl<br/>spring-context<br/>spring-aop<br/>spring-beans<br/>spring-expression</p> <p>APACHE 2.0 - See <a href="#">Appendix E</a></p> <p>Notice:</p> <p>Spring Framework<br/>Copyright (c) 2002-2022 Pivotal, Inc.</p> <p>This product is licensed to you under the Apache License, Version 2.0 (the "License"). You may not use this product except in compliance with the License.</p> <p>This product may include a number of subcomponents with separate copyright notices and license terms. Your use of the source code for these subcomponents is subject to the terms and conditions of the subcomponent's license, as noted in the license.txt file.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider              | Component (s)             | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-----------------------|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Pivotal Software Inc. | Spring-boot-starter 2.7.4 | <p>Top Level Component Copyright:</p> <p>=====</p> <p>Spring Boot</p> <p>Copyright (c) 2012-2022 Pivotal, Inc.</p> <p>This product is licensed to you under the Apache License, Version 2.0 (the "License"). You may not use this product except in compliance with the License.</p> <p>=====</p> <p>org.springframework.boot:spring-boot-starter</p> <p>License: Apache License 2.0 [0]</p> <p>Copyright:</p> <pre> /*  * Copyright 2012-2022 Pivotal Software, Inc.  *  * Licensed under the Apache License, Version 2.0 (the  * "License");  * you may not use this file except in compliance with the  * License.  * You may obtain a copy of the License at  *  * https://www.apache.org/licenses/LICENSE-2.0  *  * Unless required by applicable law or agreed to in writing,  * software  * distributed under the License is distributed on an "AS IS"  * BASIS,  * WITHOUT WARRANTIES OR CONDITIONS OF ANY  * KIND, either express or implied.  * See the License for the specific language governing  * permissions and  * limitations under the License.  */ </pre> <p>=====</p> <p>Fourth Party Dependencies:</p> <p>org.springframework.boot:spring-boot</p> <p>org.springframework.boot:spring-boot-autoconfigure</p> <p>org.springframework.boot:spring-boot-starter-logging</p> <p>License: Apache License 2.0 [0]</p> <p>Copyright:</p> <pre> /*  * Copyright 2012-2022 Pivotal Software, Inc.  * </pre> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>* Licensed under the Apache License, Version 2.0 (the "License");</p> <p>* you may not use this file except in compliance with the License.</p> <p>* You may obtain a copy of the License at</p> <p>*</p> <p>* <a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a></p> <p>*</p> <p>* Unless required by applicable law or agreed to in writing, software</p> <p>* distributed under the License is distributed on an "AS IS" BASIS,</p> <p>* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.</p> <p>* See the License for the specific language governing permissions and</p> <p>* limitations under the License.</p> <p>*/</p> <p>Notice:</p> <p>Spring Boot</p> <p>Copyright (c) 2012-2022 Pivotal, Inc.</p> <p>This product is licensed to you under the Apache License, Version 2.0</p> <p>(the "License"). You may not use this product except in compliance with</p> <p>the License.</p> <p>=====</p> <p>=====</p> <p>Fourth Party Dependencies:</p> <p>org.springframework:spring-context</p> <p>org.springframework:spring-aop</p> <p>org.springframework:spring-beans</p> <p>org.springframework:spring-expression</p> <p>org.springframework:spring-core</p> <p>org.springframework:spring-jcl</p> <p>License: Apache License 2.0 [0]</p> <p>Copyright:</p> <p>/*</p> <p>* Copyright 2012-2022 Pivotal Software, Inc.</p> <p>*</p> <p>* Licensed under the Apache License, Version 2.0 (the "License");</p> <p>* you may not use this file except in compliance with the License.</p> <p>* You may obtain a copy of the License at</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>*<br/> * <a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a><br/> *<br/> * Unless required by applicable law or agreed to in writing, software<br/> * distributed under the License is distributed on an "AS IS" BASIS,<br/> * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.<br/> * See the License for the specific language governing permissions and<br/> * limitations under the License.<br/> */</p> <p>Notice:</p> <p>Spring Framework<br/> Copyright (c) 2002-2022 Pivotal, Inc.</p> <p>This product is licensed to you under the Apache License, Version 2.0<br/> (the "License"). You may not use this product except in compliance with<br/> the License.</p> <p>This product may include a number of subcomponents with separate<br/> copyright notices and license terms. Your use of the source code for<br/> these subcomponents is subject to the terms and conditions of the<br/> subcomponent's license, as noted in the license.txt file.</p> <p>=====</p> <p>Fourth Party Dependencies:</p> <p>ch.qos.logback:logback-classic<br/> ch.qos.logback:logback-core</p> <p>License : GNU Lesser General Public License version 2.1,<br/> Eclipse Public License v1.0 [1],[2]</p> <p>Logback: the reliable, generic, fast and flexible logging framework.</p> <p>Copyright (C) 1999-2017, QOS.ch. All rights reserved.</p> <p>This program and the accompanying materials are dual-licensed under<br/> either the terms of the Eclipse Public License v1.0 as published by<br/> the Eclipse Foundation<br/> or (per the licensee's choosing)</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>under the terms of the GNU Lesser General Public License version 2.1<br/>as published by the Free Software Foundation.<br/>Oracle elects the EPL.</p> <p>=====</p> <p>Fourth Party Dependencies:</p> <p>org.apache.logging.log4j:log4j-to-slf4j<br/>org.apache.logging.log4j:log4j-api<br/>License : Apache License Version 2.0 [0]<br/>Copyright 1999-2022 The Apache Software Foundation<br/>This product includes software developed at<br/>The Apache Software Foundation (<a href="http://www.apache.org/">http://www.apache.org/</a>).<br/>Licensed under the Apache License, Version 2.0 (the "License");<br/>you may not use this file except in compliance with the License.<br/>You may obtain a copy of the License at<br/><a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a><br/>Unless required by applicable law or agreed to in writing, software<br/>distributed under the License is distributed on an "AS IS" BASIS,<br/>WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.<br/>See the License for the specific language governing permissions and<br/>limitations under the License.</p> <p>-----</p> <p>Notice:</p> <p>Apache Log4j<br/>Copyright 1999-2021 Apache Software Foundation<br/>This product includes software developed at<br/>The Apache Software Foundation (<a href="http://www.apache.org/">http://www.apache.org/</a>).<br/>ResolverUtil.java<br/>Copyright 2005-2006 Tim Fennell<br/>Dumbster SMTP test server<br/>Copyright 2004 Jason Paul Kitchen<br/>TypeUtil.java<br/>Copyright 2002-2012 Ramnivas Laddad, Juergen Hoeller, Chris Beams<br/>picocli (<a href="http://picocli.info">http://picocli.info</a>)<br/>Copyright 2017 Remko Popma</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <pre> ===== ===== =====  Fourth-Party Dependencies org.slf4j:slf4j-api org.slf4j:jul-to-slf4j License : MIT License Copyright (c) 2004-2022 QOS.ch Sarl (Switzerland) All rights reserved. See <a href="#">Appendix G</a> ===== ===== =====  Fourth-Party Dependencies jakarta.annotation:jakarta.annotation-api License : Eclipse Public License - v 2.0 and GNU General Public License, version 2 with CPE [3] Copyright: ----- /* * Copyright (c) 2005, 2020 Oracle and/or its affiliates. All rights reserved. * * This program and the accompanying materials are made available under the * terms of the Eclipse Public License v. 2.0, which is available at * http://www.eclipse.org/legal/epl-2.0. * * This Source Code may also be made available under the following Secondary * Licenses when the conditions for such availability set forth in the * Eclipse Public License v. 2.0 are satisfied: GNU General Public License, * version 2 with the GNU Classpath Exception, which is available at * https://www.gnu.org/software/classpath/license.html. * * SPDX-License-Identifier: EPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0 */ Oracle elects the EPL. ----- Notice: </pre> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p># Notices for Jakarta Annotations</p> <p>This content is produced and maintained by the Jakarta Annotations project.</p> <p>* Project home: <a href="https://projects.eclipse.org/projects/ee4j.ca">https://projects.eclipse.org/projects/ee4j.ca</a></p> <p>## Trademarks</p> <p>Jakarta Annotations is a trademark of the Eclipse Foundation.</p> <p>## Declared Project Licenses</p> <p>This program and the accompanying materials are made available under the terms of the Eclipse Public License v. 2.0 which is available at <a href="http://www.eclipse.org/legal/epl-2.0">http://www.eclipse.org/legal/epl-2.0</a>. This Source Code may also be made available under the following Secondary Licenses when the conditions for such availability set forth in the Eclipse Public License v. 2.0 are satisfied: GNU General Public License, version 2 with the GNU Classpath Exception which is available at <a href="https://www.gnu.org/software/classpath/license.html">https://www.gnu.org/software/classpath/license.html</a>.</p> <p>SPDX-License-Identifier: EPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0</p> <p>## Source Code</p> <p>The project maintains the following source code repositories:</p> <p>* <a href="https://github.com/eclipse-ee4j/common-annotations-api">https://github.com/eclipse-ee4j/common-annotations-api</a></p> <p>## Third-party Content</p> <p>## Cryptography</p> <p>Content may contain encryption software. The country in which you are currently may have restrictions on the import, possession, and use, and/or re-export to another country, of encryption software. BEFORE using any encryption software, please check the country's laws, regulations and policies concerning the import, possession, or use, and re-export of encryption software, to see if this is permitted.</p> <p>=====</p> <p>=====</p> <p>=====</p> <p>Fourth-Party Dependencies</p> <p>org.yaml snakeyaml</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>License : Apache License Version 2.0 [0]</p> <p>Copyright (c) 2008, <a href="http://www.snakeyaml.org">http://www.snakeyaml.org</a></p> <p>Licensed under the Apache License, Version 2.0 (the "License");</p> <p>you may not use this file except in compliance with the License.</p> <p>You may obtain a copy of the License at</p> <p><a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Unless required by applicable law or agreed to in writing, software</p> <p>distributed under the License is distributed on an "AS IS" BASIS,</p> <p>WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.</p> <p>See the License for the specific language governing permissions and</p> <p>limitations under the License.</p> <p>=====</p> <p>=====</p> <p>=====</p> <p>License References are mentioned below.</p> <p>===== Start</p> <p>License Reference [0]</p> <p>=====</p> <p><a href="#">APACHE 2.0</a></p> <p><a href="#">GNU LESSER GENERAL PUBLIC LICENSE - v 2.1</a></p> <p><a href="#">Eclipse Public License - v 1.0</a></p> <p><a href="#">Eclipse Public License - v 2.0</a></p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider              | Component (s)                      | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-----------------------|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Pivotal Software, Inc | spring-boot-starter-actuator 2.7.1 | <p>Top-Level Component Copyright:</p> <p>-----</p> <p>Spring Boot</p> <p>Copyright (c) 2012-2022 Pivotal, Inc.</p> <p>This product is licensed to you under the Apache License, Version 2.0 (the "License"). You may not use this product except in compliance with the License.</p> <p>=====</p> <p>org.springframework.boot:spring-boot-starter-actuator: APACHE 2.0 - See <a href="#">Appendix E</a></p> <p>Fourth-Party Dependencies</p> <p>org.springframework.boot spring-boot</p> <p>org.springframework.boot spring-boot-autoconfigure</p> <p>org.springframework.boot spring-boot-starter</p> <p>org.springframework.boot spring-boot-starter-logging</p> <p>org.springframework.boot spring-boot-actuator-autoconfigure</p> <p>org.springframework.boot spring-boot-actuator</p> <p>APACHE 2.0 - See <a href="#">Appendix E</a></p> <p>Notices:</p> <p>Spring Boot</p> <p>Copyright (c) 2012-2022 Pivotal, Inc.</p> <p>This product is licensed to you under the Apache License, Version 2.0 (the "License"). You may not use this product except in compliance with the License.</p> <p>=====</p> <p>org.springframework spring-aop</p> <p>org.springframework spring-beans</p> <p>org.springframework spring-context</p> <p>org.springframework spring-core</p> <p>org.springframework spring-expression</p> <p>org.springframework spring-jcl</p> <p>APACHE 2.0 - See <a href="#">Appendix E</a></p> <p>Fourth-Party Dependencies</p> <p>org.apache.logging.log4j log4j-api</p> <p>org.apache.logging.log4j log4j-to-slf4j</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>APACHE 2.0 - See <a href="#">Appendix E</a></p> <p>Apache Log4j</p> <p>Copyright 1999-2021 Apache Software Foundation</p> <p>This product includes software developed at<br/>The Apache Software Foundation (<a href="http://www.apache.org/">http://www.apache.org/</a>).</p> <p>ResolverUtil.java</p> <p>Copyright 2005-2006 Tim Fennell</p> <p>Dumbster SMTP test server</p> <p>Copyright 2004 Jason Paul Kitchen</p> <p>TypeUtil.java</p> <p>Copyright 2002-2012 Ramnivas Laddad, Juergen Hoeller,<br/>Chris Beams</p> <p>picocli (<a href="http://picocli.info">http://picocli.info</a>)</p> <p>Copyright 2017 Remko Popma</p> <p>TimeoutBlockingWaitStrategy.java and parts of Util.java</p> <p>Copyright 2011 LMAX Ltd.</p> <p>=====</p> <p>=====</p> <p>=====</p> <p>Fourth-Party Dependencies</p> <p>ch.qos.logback logback-classic</p> <p>ch.qos.logback logback-core</p> <p>License : GNU Lesser General Public License version 2.1,<br/>Eclipse Public License v1.0</p> <p>Logback: the reliable, generic, fast and flexible logging<br/>framework.</p> <p>Copyright (C) 1999-2017, QOS.ch. All rights reserved.</p> <p>This program and the accompanying materials are dual-<br/>licensed under</p> <p>either the terms of the Eclipse Public License v1.0 as<br/>published by</p> <p>the Eclipse Foundation</p> <p>or (per the licensee's choosing)</p> <p>under the terms of the GNU Lesser General Public License<br/>version 2.1</p> <p>as published by the Free Software Foundation.</p> <p>-----</p> <p>Eclipse Public License - v 1.0 - See <a href="#">Appendix J</a></p> <p>Fourth-Party Dependencies</p> <p>org.slf4j:slf4j-api</p> <p>Copyright (c) 2004-2022 QOS.ch</p> <p>All rights reserved.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                           |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------|
|          |               | MIT License - See <a href="#">Appendix G</a><br>Eclipse Public License - v 2.0 - See <a href="#">Appendix Y</a> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s)                      | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          | spring-boot-starter-data-jpa 2.7.4 | <p>Top Level Component Copyright:</p> <p>-----</p> <p>Spring Boot<br/>Copyright (c) 2012-2022 Pivotal, Inc.<br/>This product is licensed to you under the Apache License, Version 2.0<br/>(the "License"). You may not use this product except in compliance with<br/>the License.</p> <p>=====</p> <p>=====</p> <p>org.springframework.boot:spring-boot-starter-data-jpa:<br/>License : Apache License Version 2.0 [0]<br/>Copyright 2002-2022 Pivotal, Inc.<br/>Licensed under the Apache License, Version 2.0 (the "License");<br/>you may not use this file except in compliance with the License.<br/>You may obtain a copy of the License at<br/><a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a><br/>Unless required by applicable law or agreed to in writing, software<br/>distributed under the License is distributed on an "AS IS" BASIS,<br/>WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.<br/>See the License for the specific language governing permissions and<br/>limitations under the License.</p> <p>-----</p> <p>Notice:</p> <p>-----</p> <p>Spring Boot<br/>Copyright (c) 2012-2022 Pivotal, Inc.<br/>This product is licensed to you under the Apache License, Version 2.0<br/>(the "License"). You may not use this product except in compliance with<br/>the License.</p> <p>=====</p> <p>=====</p> <p>=====</p> <p>Fourth-Party Dependencies<br/>org.springframework spring-aop<br/>org.springframework spring-aspects</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>org.springframework spring-beans<br/>org.springframework spring-context<br/>org.springframework spring-core<br/>org.springframework spring-expression<br/>org.springframework spring-jcl<br/>org.springframework spring-jdbc<br/>org.springframework spring-orm</p> <p>License : Apache License Version 2.0 [0]<br/>Copyright 2002-2022 Pivotal, Inc.<br/>Licensed under the Apache License, Version 2.0 (the "License");<br/>you may not use this file except in compliance with the License.<br/>You may obtain a copy of the License at<br/><a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a><br/>Unless required by applicable law or agreed to in writing, software<br/>distributed under the License is distributed on an "AS IS" BASIS,<br/>WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.<br/>See the License for the specific language governing permissions and<br/>limitations under the License.</p> <p>-----<br/>Notice:<br/>-----</p> <p>Spring Framework<br/>Copyright (c) 2002-2022 Pivotal, Inc.<br/>This product is licensed to you under the Apache License, Version 2.0<br/>(the "License"). You may not use this product except in compliance with<br/>the License.<br/>This product may include a number of subcomponents with separate<br/>copyright notices and license terms. Your use of the source code for<br/>these subcomponents is subject to the terms and conditions of the<br/>subcomponent's license, as noted in the license.txt file.</p> <p>=====</p> <p>=====</p> <p>=====</p> <p>Fourth-Party Dependencies</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>org.springframework.data spring-data-commons<br/>org.springframework.data spring-data-jpa<br/>License : Apache License Version 2.0 [0]<br/>Copyright 2002-2022 Pivotal, Inc.<br/>Licensed under the Apache License, Version 2.0 (the "License");<br/>you may not use this file except in compliance with the License.<br/>You may obtain a copy of the License at<br/><a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a><br/>Unless required by applicable law or agreed to in writing, software<br/>distributed under the License is distributed on an "AS IS" BASIS,<br/>WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.<br/>See the License for the specific language governing permissions and<br/>limitations under the License.</p> <p>-----<br/>Notice:<br/>-----</p> <p>Spring Data Commons<br/>Copyright (c) [2010-2021] Pivotal Software, Inc.<br/>This product is licensed to you under the Apache License, Version 2.0 (the "License").<br/>You may not use this product except in compliance with the License.<br/>This product may include a number of subcomponents with separate copyright notices and license terms. Your use of the source<br/>code for the these subcomponents is subject to the terms and<br/>conditions of the subcomponent's license, as noted in the LICENSE file.</p> <p>-----</p> <p>Spring Data JPA<br/>Copyright (c) [2011-2019] Pivotal Software, Inc.<br/>This product is licensed to you under the Apache License, Version 2.0 (the "License").<br/>You may not use this product except in compliance with the License.<br/>This product may include a number of subcomponents with separate copyright notices and license terms. Your use of the source</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>code for the these subcomponents is subject to the terms and conditions of the subcomponent's license, as noted in the LICENSE file.</p> <p>=====</p> <p>=====</p> <p>=====</p> <p>Fourth-Party Dependencies</p> <p>org.springframework.boot spring-boot</p> <p>org.springframework.boot spring-boot-autoconfigure</p> <p>org.springframework.boot spring-boot-starter</p> <p>org.springframework.boot spring-boot-starter-aop</p> <p>org.springframework.boot spring-boot-starter-jdbc</p> <p>org.springframework.boot spring-boot-starter-logging</p> <p>License : Apache License Version 2.0 [0]</p> <p>Copyright 2002-2022 Pivotal, Inc.</p> <p>Licensed under the Apache License, Version 2.0 (the "License");</p> <p>you may not use this file except in compliance with the License.</p> <p>You may obtain a copy of the License at</p> <p><a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS,</p> <p>WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.</p> <p>See the License for the specific language governing permissions and limitations under the License.</p> <p>-----</p> <p>Notice:</p> <p>-----</p> <p>Spring Boot</p> <p>Copyright (c) 2012-2022 Pivotal, Inc.</p> <p>This product is licensed to you under the Apache License, Version 2.0 (the "License"). You may not use this product except in compliance with the License.</p> <p>=====</p> <p>=====</p> <p>=====</p> <p>Fourth-Party Dependencies</p> <p>org.apache.logging.log4j log4j-api</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>org.apache.logging.log4j log4j-to-slf4j</p> <p>License : Apache License Version 2.0 [0]</p> <p>Copyright 1999-2022 The Apache Software Foundation</p> <p>This product includes software developed at The Apache Software Foundation (<a href="http://www.apache.org/">http://www.apache.org/</a>).</p> <p>Licensed under the Apache License, Version 2.0 (the "License");</p> <p>you may not use this file except in compliance with the License.</p> <p>You may obtain a copy of the License at</p> <p><a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS,</p> <p>WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.</p> <p>See the License for the specific language governing permissions and limitations under the License.</p> <p>-----</p> <p>Notice:</p> <p>Apache Log4j</p> <p>Copyright 1999-2019 Apache Software Foundation</p> <p>This product includes software developed at The Apache Software Foundation (<a href="http://www.apache.org/">http://www.apache.org/</a>).</p> <p>ResolverUtil.java</p> <p>Copyright 2005-2006 Tim Fennell</p> <p>Dumbster SMTP test server</p> <p>Copyright 2004 Jason Paul Kitchen</p> <p>TypeUtil.java</p> <p>Copyright 2002-2012 Ramnivas Laddad, Juergen Hoeller, Chris Beams</p> <p>picocli (<a href="http://picocli.info">http://picocli.info</a>)</p> <p>Copyright 2017 Remko Popma</p> <p>TimeoutBlockingWaitStrategy.java and parts of Util.java</p> <p>Copyright 2011 LMAX Ltd.</p> <p>=====</p> <p>=====</p> <p>=====</p> <p>Fourth-Party Dependencies</p> <p>ch.qos.logback logback-classic</p> <p>ch.qos.logback logback-core</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>License : GNU Lesser General Public License version 2.1, Eclipse Public License v1.0</p> <p>Logback: the reliable, generic, fast and flexible logging framework.</p> <p>Copyright (C) 1999-2017, QOS.ch. All rights reserved.</p> <p>This program and the accompanying materials are dual-licensed under either the terms of the Eclipse Public License v1.0 as published by the Eclipse Foundation</p> <p>or (per the licensee's choosing)</p> <p>under the terms of the GNU Lesser General Public License version 2.1 as published by the Free Software Foundation.</p> <p>License text : [1], [2] in License reference.</p> <p>=====</p> <p>=====</p> <p>=====</p> <p>Fourth-Party Dependencies</p> <p>org.slf4j jul-to-slf4j</p> <p>org.slf4j slf4j-api</p> <p>License : MIT License</p> <p>Common Copyright:</p> <p>Copyright (c) 2004-2022 QOS.ch Sarl (Switzerland)</p> <p>All rights reserved.</p> <p>See <a href="#">Appendix G</a></p> <p>=====</p> <p>=====</p> <p>=====</p> <p>Fourth-Party Dependencies</p> <p>jakarta.annotation jakarta.annotation-api</p> <p>jakarta.transaction jakarta.transaction-api</p> <p>License : Eclipse Public License - v 2.0 with GNU General Public License, version 2 with CPE [3]</p> <p>/*</p> <p>* Copyright (c) 2005, 2020 Oracle and/or its affiliates. All rights reserved.</p> <p>*</p> <p>* This program and the accompanying materials are made available under the</p> <p>* terms of the Eclipse Public License v. 2.0, which is available at</p> <p>* <a href="http://www.eclipse.org/legal/epl-2.0">http://www.eclipse.org/legal/epl-2.0</a>.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>*<br/>           * This Source Code may also be made available under the following Secondary<br/>           * Licenses when the conditions for such availability set forth in the<br/>           * Eclipse Public License v. 2.0 are satisfied: GNU General Public License,<br/>           * version 2 with the GNU Classpath Exception, which is available at<br/>           * <a href="https://www.gnu.org/software/classpath/license.html">https://www.gnu.org/software/classpath/license.html</a>.<br/>           *<br/>           * SPDX-License-Identifier: EPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0<br/>           */<br/>           -----<br/>           Notices:<br/>           -----<br/>           # Notices for Jakarta Annotations<br/>           This content is produced and maintained by the Jakarta Annotations project.<br/>           * Project home: <a href="https://projects.eclipse.org/projects/ee4j.ca">https://projects.eclipse.org/projects/ee4j.ca</a><br/>           ## Trademarks<br/>           Jakarta Annotations is a trademark of the Eclipse Foundation.<br/>           ## Declared Project Licenses<br/>           This program and the accompanying materials are made available under the terms<br/>           of the Eclipse Public License v. 2.0 which is available at <a href="http://www.eclipse.org/legal/epl-2.0">http://www.eclipse.org/legal/epl-2.0</a>. This Source Code may also be made<br/>           available under the following Secondary Licenses when the conditions for such<br/>           availability set forth in the Eclipse Public License v. 2.0 are satisfied: GNU<br/>           General Public License, version 2 with the GNU Classpath Exception which is<br/>           available at <a href="https://www.gnu.org/software/classpath/license.html">https://www.gnu.org/software/classpath/license.html</a>.<br/>           SPDX-License-Identifier: EPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0<br/>           ## Source Code<br/>           The project maintains the following source code repositories:<br/>           * <a href="https://github.com/eclipse-ee4j/common-annotations-api">https://github.com/eclipse-ee4j/common-annotations-api</a><br/>           ## Third-party Content<br/>           ## Cryptography</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Content may contain encryption software. The country in which you are currently may have restrictions on the import, possession, and use, and/or re-export to another country, of encryption software. BEFORE using any encryption software, please check the country's laws, regulations and policies concerning the import, possession, or use, and re-export of encryption software, to see if this is permitted.</p> <p>-----</p> <p># Notices for Jakarta Transactions</p> <p>This content is produced and maintained by the Jakarta Transactions project.</p> <p>* Project home: <a href="https://projects.eclipse.org/projects/ee4j.jta">https://projects.eclipse.org/projects/ee4j.jta</a></p> <p>## Trademarks</p> <p>Jakarta Transactions is a trademark of the Eclipse Foundation.</p> <p>## Copyright</p> <p>All content is the property of the respective authors or their employers. For more information regarding authorship of content, please consult the listed source code repository logs.</p> <p>## Declared Project Licenses</p> <p>This program and the accompanying materials are made available under the terms of the Eclipse Public License v. 2.0 which is available at <a href="http://www.eclipse.org/legal/epl-2.0">http://www.eclipse.org/legal/epl-2.0</a>. This Source Code may also be made available under the following Secondary Licenses when the conditions for such availability set forth in the Eclipse Public License v. 2.0 are satisfied: GNU General Public License, version 2 with the GNU Classpath Exception which is available at <a href="https://www.gnu.org/software/classpath/license.html">https://www.gnu.org/software/classpath/license.html</a>.</p> <p>SPDX-License-Identifier: EPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0</p> <p>## Source Code</p> <p>The project maintains the following source code repositories:</p> <p>* <a href="https://github.com/eclipse-ee4j/jta-api">https://github.com/eclipse-ee4j/jta-api</a></p> <p>## Third-party Content</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>This project leverages the following third party content.</p> <p>None</p> <p>## Cryptography</p> <p>Content may contain encryption software. The country in which you are currently may have restrictions on the import, possession, and use, and/or re-export to another country, of encryption software. BEFORE using any encryption software, please check the country's laws, regulations and policies concerning the import, possession, or use, and re-export of encryption software, to see if this is permitted.</p> <p>=====</p> <p>=====</p> <p>=====</p> <p>Fourth-Party Dependencies</p> <p>jakarta.persistence jakarta.persistence-api</p> <p>License : Eclipse Public License - v 2.0 and Eclipse Distribution License - v 1.0 [5]</p> <p>/*</p> <p>* Copyright (c) 2008, 2020 Oracle and/or its affiliates. All rights reserved.</p> <p>*</p> <p>* This program and the accompanying materials are made available under the</p> <p>* terms of the Eclipse Public License v. 2.0 which is available at</p> <p>* <a href="http://www.eclipse.org/legal/epl-2.0">http://www.eclipse.org/legal/epl-2.0</a>,</p> <p>* or the Eclipse Distribution License v. 1.0 which is available at</p> <p>* <a href="http://www.eclipse.org/org/documents/edl-v10.php">http://www.eclipse.org/org/documents/edl-v10.php</a>.</p> <p>*</p> <p>* SPDX-License-Identifier: EPL-2.0 OR BSD-3-Clause</p> <p>*/</p> <p>-----</p> <p>Notice</p> <p>-----</p> <p># Notices for Jakarta Persistence</p> <p>This content is produced and maintained by the Jakarta Persistence project.</p> <p>* Project home: <a href="https://projects.eclipse.org/projects/ee4j.jpa">https://projects.eclipse.org/projects/ee4j.jpa</a></p> <p>## Trademarks</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Jakarta Persistence is a trademark of the Eclipse Foundation.</p> <p>## Copyright</p> <p>All content is the property of the respective authors or their employers. For more information regarding authorship of content, please consult the listed source code repository logs.</p> <p>## Declared Project Licenses</p> <p>This program and the accompanying materials are made available under the terms of the Eclipse Public License v. 2.0 which is available at <a href="http://www.eclipse.org/legal/epl-2.0">http://www.eclipse.org/legal/epl-2.0</a>, or the Eclipse Distribution License v. 1.0 which is available at <a href="http://www.eclipse.org/org/documents/edl-v10.php">http://www.eclipse.org/org/documents/edl-v10.php</a>.</p> <p>SPDX-License-Identifier: EPL-2.0 OR BSD-3-Clause</p> <p>## Source Code</p> <p>The project maintains the following source code repositories:</p> <p>* <a href="https://github.com/eclipse-ee4j/jpa-api">https://github.com/eclipse-ee4j/jpa-api</a></p> <p>## Third-party Content</p> <p>This project leverages the following third party content.</p> <p>None</p> <p>## Cryptography</p> <p>Content may contain encryption software. The country in which you are currently may have restrictions on the import, possession, and use, and/or re-export to another country, of encryption software. BEFORE using any encryption software, please check the country's laws, regulations and policies concerning the import, possession, or use, and re-export of encryption software, to see if this is permitted.</p> <p>=====</p> <p>=====</p> <p>Fourth-Party Dependencies</p> <p>org.yaml snakeyaml</p> <p>License : Apache License Version 2.0</p> <p>Copyright (c) 2008, <a href="http://www.snakeyaml.org">http://www.snakeyaml.org</a></p> <p>Licensed under the Apache License, Version 2.0 (the "License");</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>you may not use this file except in compliance with the License.</p> <p>You may obtain a copy of the License at</p> <p><a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.</p> <p>License text : [0] in License reference.</p> <p>=====</p> <p>=====</p> <p>=====</p> <p>Fourth-Party Dependencies</p> <p>com.zaxxer HikariCP</p> <p>License : Apache License Version 2.0</p> <p>Copyright (C) 2013,2014 Brett Wooldridge</p> <p>Licensed under the Apache License, Version 2.0 (the "License");</p> <p>you may not use this file except in compliance with the License.</p> <p>You may obtain a copy of the License at</p> <p><a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.</p> <p>License text : [0] in License reference.</p> <p>=====</p> <p>=====</p> <p>=====</p> <p>Fourth-Party Dependencies</p> <p>org.aspectj aspectjweaver</p> <p>License: EPL 2.0</p> <p>License text : [6] in License reference.</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Copyright:<br/>/*****</p> <p>* Copyright (c) 2007 Contributors. All rights reserved.<br/>* This program and the accompanying materials are made available<br/>* under the terms of the Eclipse Public License v 2.0<br/>* which accompanies this distribution and is available at<br/>* <a href="https://www.eclipse.org/org/documents/epl-2.0/EPL-2.0.txt">https://www.eclipse.org/org/documents/epl-2.0/EPL-2.0.txt</a><br/>*</p> <p>* Contributors: IBM Corporation - initial API and implementation<br/>* Helen Hawkins - initial version (bug 148190)<br/>*****/</p> <p>=====</p> <p>=====</p> <p>=====</p> <p>Fourth-Party Dependencies</p> <p>org.jboss.jandex<br/>org.jboss.logging.jboss-logging</p> <p>License : Apache License Version 2.0</p> <p>JBoss, Home of Professional Open Source.<br/>Copyright 2013 Red Hat, Inc., and individual contributors<br/>as indicated by the @author tags.</p> <p>Licensed under the Apache License, Version 2.0 (the<br/>"License");<br/>you may not use this file except in compliance with the<br/>License.<br/>You may obtain a copy of the License at<br/><a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a><br/>Unless required by applicable law or agreed to in writing,<br/>software<br/>distributed under the License is distributed on an "AS IS"<br/>BASIS,<br/>WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND,<br/>either express or implied.<br/>See the License for the specific language governing<br/>permissions and<br/>limitations under the License.<br/>License text : [0] in License reference.</p> <p>=====</p> <p>=====</p> <p>=====</p> <p>Fourth-Party Dependencies</p> <p>net.bytebuddy.byte-buddy</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>License : Apache License Version 2.0</p> <p>/*</p> <p>* Copyright 2014 - Present Rafael Winterhalter</p> <p>*</p> <p>* Licensed under the Apache License, Version 2.0 (the "License");</p> <p>* you may not use this file except in compliance with the License.</p> <p>* You may obtain a copy of the License at</p> <p>*</p> <p>* <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>*</p> <p>* Unless required by applicable law or agreed to in writing, software</p> <p>* distributed under the License is distributed on an "AS IS" BASIS,</p> <p>* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.</p> <p>* See the License for the specific language governing permissions and</p> <p>* limitations under the License.</p> <p>*/</p> <p>-----</p> <p>Notice</p> <p>-----</p> <p>Copyright \${project.inceptionYear} - \${current.year} \$<br/>{copyright.holder}</p> <p>Licensed under the Apache License, Version 2.0 (the "License");</p> <p>you may not use this file except in compliance with the License.</p> <p>You may obtain a copy of the License at</p> <p><a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Unless required by applicable law or agreed to in writing, software</p> <p>distributed under the License is distributed on an "AS IS" BASIS,</p> <p>WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.</p> <p>See the License for the specific language governing permissions and</p> <p>limitations under the License.</p> <p>=====</p> <p>=====</p> <p>=====</p> <p>Fourth-Party Dependencies</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>com.fasterxml classmate</p> <p>License : Apache License Version 2.0</p> <p>Copyright (c) 2019 Tatu Saloranta</p> <p>This product is licensed to you under the Apache License, Version 2.0 (the "License"). You may not use this product except in compliance with the License.</p> <p>This product may include a number of subcomponents with separate copyright notices and license terms. Your use of the source code for these subcomponents is subject to the terms and conditions of the subcomponent's license, as noted in the license.txt file.</p> <p>License text : [0] in License reference.</p> <p>-----</p> <p>Notice</p> <p>-----</p> <p>Java ClassMate library was originally written by Tatu Saloranta (tatu.saloranta@iki.fi)</p> <p>Other developers who have contributed code are:</p> <p>* Brian Langel</p> <p>=====</p> <p>=====</p> <p>=====</p> <p>Fourth-Party Dependencies</p> <p>antlr antlr</p> <p>License : The BSD License</p> <p>Copyright (c) 2012 Terence Parr and Sam Harwell</p> <p>All rights reserved.</p> <p>See <a href="#">Appendix M</a></p> <p>License text : [4] in License reference.</p> <p>=====</p> <p>=====</p> <p>=====</p> <p>Fourth-Party Dependencies</p> <p>org.hibernate.common hibernate-commons-annotations</p> <p>License : LGPL 2.1 [1]</p> <p>Copyright 2001-2015 Red Hat, Inc. All Rights Reserved.</p> <p>This software and its documentation are distributed under the terms of the</p> <p>GNU Lesser General Public License v2.1 or later.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | /*<br>* Hibernate, Relational Persistence for Idiomatic Java<br>*<br>* License: GNU Lesser General Public License (LGPL),<br>version 2.1 or later.<br>* See the lgpl.txt file in the root directory or .<br>*/<br>=====<br>=====<br>=====<br>Fourth-Party Dependencies<br>org.hibernate hibernate-core<br>License : LGPL 2.1 [1]<br>Copyright:<br>Copyright (c) 2008, Red Hat Middleware LLC or third-party<br>contributors as<br>indicated by the @author tags or express copyright<br>attribution<br>statements applied by the authors. All third-party<br>contributions are<br>distributed under license by Red Hat Middleware LLC.<br>This copyrighted material is made available to anyone<br>wishing to use, modify,<br>copy, or redistribute it subject to the terms and conditions of<br>the GNU<br>Lesser General Public License, as published by the Free<br>Software Foundation.<br>This program is distributed in the hope that it will be useful,<br>but WITHOUT ANY WARRANTY; without even the implied<br>warranty of MERCHANTABILITY<br>or FITNESS FOR A PARTICULAR PURPOSE. See the GNU<br>Lesser General Public License<br>for more details.<br>You should have received a copy of the GNU Lesser General<br>Public License<br>along with this distribution; if not, write to:<br>Free Software Foundation, Inc.<br>51 Franklin Street, Fifth Floor<br>Boston, MA 02110-1301 USA<br>/*<br>* Hibernate, Relational Persistence for Idiomatic Java<br>*<br>* License: GNU Lesser General Public License (LGPL),<br>version 2.1 or later.<br>* See the lgpl.txt file in the root directory or . |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>*/</p> <p>=====</p> <p>=====</p> <p>=====</p> <p>Fourth-Party Dependencies</p> <p>org.glassfish.jaxb:jaxb-runtime (<a href="https://github.com/javaee/jaxb-v2/blob/2.3.1-RC1/jaxb-ri/runtime/pom.xml">https://github.com/javaee/jaxb-v2/blob/2.3.1-RC1/jaxb-ri/runtime/pom.xml</a>)</p> <p>org.glassfish.jaxb:txw2 (<a href="https://github.com/javaee/jaxb-v2/blob/2.3.1-RC1/jaxb-ri/txw/pom.xml">https://github.com/javaee/jaxb-v2/blob/2.3.1-RC1/jaxb-ri/txw/pom.xml</a>)</p> <p>Copyright (c) 2013-2018 Oracle and/or its affiliates. All rights reserved.</p> <p>The contents of this file are subject to the terms of either the GNU</p> <p>General Public License Version 2 only ("GPL") or the</p> <p>Common Development</p> <p>and Distribution License("CDDL") (collectively, the</p> <p>"License"). You</p> <p>may not use this file except in compliance with the License.</p> <p>You can</p> <p>obtain a copy of the License at</p> <p><a href="https://oss.oracle.com/licenses/CDDL+GPL-1.1">https://oss.oracle.com/licenses/CDDL+GPL-1.1</a></p> <p>or LICENSE.txt. See the License for the specific</p> <p>language governing permissions and limitations under the</p> <p>License.</p> <p>When distributing the software, include this License Header</p> <p>Notice in each</p> <p>file and include the License file at LICENSE.txt.</p> <p>GPL Classpath Exception:</p> <p>Oracle designates this particular file as subject to the</p> <p>"Classpath"</p> <p>exception as provided by Oracle in the GPL Version 2</p> <p>section of the License</p> <p>file that accompanied this code.</p> <p>Modifications:</p> <p>If applicable, add the following below the License Header,</p> <p>with the fields</p> <p>enclosed by brackets [] replaced by your own identifying</p> <p>information:</p> <p>"Portions Copyright [year] [name of copyright owner]"</p> <p>Contributor(s):</p> <p>If you wish your version of this file to be governed by only the</p> <p>CDDL or</p> <p>only the GPL Version 2, indicate your decision by adding</p> <p>"[Contributor]</p> <p>elects to include this software in this distribution under the</p> <p>[CDDL or GPL</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Version 2] license." If you don't indicate a single choice of license, a recipient has the option to distribute your version of this file under either the CDDL, the GPL Version 2 or to extend the choice of license to its licensees as provided above. However, if you add GPL Version 2 code and therefore, elected the GPL Version 2 license, then the option applies only if the new code is made subject to such option by the copyright holder.</p> <p>=====</p> <p>=====</p> <p>=====</p> <p>Fourth-Party Dependencies</p> <p>com.sun.istack:istack-commons-runtime (<a href="https://github.com/eclipse-ee4j/jaxb-istack-commons/blob/3.0.8/LICENSE.md">https://github.com/eclipse-ee4j/jaxb-istack-commons/blob/3.0.8/LICENSE.md</a>)</p> <p>org.jvnet.staxex:stax-ex (<a href="https://github.com/eclipse-ee4j/jaxb-stax-ex/blob/1.8.1/LICENSE.md">https://github.com/eclipse-ee4j/jaxb-stax-ex/blob/1.8.1/LICENSE.md</a>)</p> <p>Copyright (c) 2017 Oracle and/or its affiliates. All rights reserved.</p> <p>See <a href="#">Appendix M</a></p> <p>-----</p> <p>Notice</p> <p>(<a href="https://github.com/eclipse-ee4j/jaxb-istack-commons/blob/3.0.8/NOTICE.md">https://github.com/eclipse-ee4j/jaxb-istack-commons/blob/3.0.8/NOTICE.md</a>)</p> <p>(<a href="https://github.com/eclipse-ee4j/jaxb-stax-ex/blob/1.8.1/NOTICE.md">https://github.com/eclipse-ee4j/jaxb-stax-ex/blob/1.8.1/NOTICE.md</a>)</p> <p>-----</p> <p>Notices for Eclipse Implementation of JAXB</p> <p>This content is produced and maintained by the Eclipse Implementation of JAXB project.</p> <p>Project home: <a href="https://projects.eclipse.org/projects/ee4j.jaxb-impl">https://projects.eclipse.org/projects/ee4j.jaxb-impl</a></p> <p>Trademarks</p> <p>Eclipse Implementation of JAXB is a trademark of the Eclipse Foundation.</p> <p>Copyright</p> <p>All content is the property of the respective authors or their employers. For more information regarding authorship of content, please consult the listed source code repository logs.</p> <p>Declared Project Licenses</p> <p>This program and the accompanying materials are made available under the terms of the Eclipse Distribution License</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>v. 1.0 which is available at <a href="http://www.eclipse.org/org/documents/edl-v10.php">http://www.eclipse.org/org/documents/edl-v10.php</a>.</p> <p>SPDX-License-Identifier: BSD-3-Clause</p> <p>Source Code</p> <p>The project maintains the following source code repositories:</p> <p><a href="https://github.com/eclipse-ee4j/jaxb-ri">https://github.com/eclipse-ee4j/jaxb-ri</a></p> <p><a href="https://github.com/eclipse-ee4j/jaxb-istack-commons">https://github.com/eclipse-ee4j/jaxb-istack-commons</a></p> <p><a href="https://github.com/eclipse-ee4j/jaxb-dtd-parser">https://github.com/eclipse-ee4j/jaxb-dtd-parser</a></p> <p><a href="https://github.com/eclipse-ee4j/jaxb-fi">https://github.com/eclipse-ee4j/jaxb-fi</a></p> <p><a href="https://github.com/eclipse-ee4j/jaxb-stax-ex">https://github.com/eclipse-ee4j/jaxb-stax-ex</a></p> <p><a href="https://github.com/eclipse-ee4j/jax-rpc-ri">https://github.com/eclipse-ee4j/jax-rpc-ri</a></p> <p>Third-party Content</p> <p>This project leverages the following third party content.</p> <p>Apache Ant (1.10.2)</p> <p>License: Apache-2.0 AND W3C AND LicenseRef-Public-Domain</p> <p>Apache Ant (1.10.2)</p> <p>License: Apache-2.0 AND W3C AND LicenseRef-Public-Domain</p> <p>Apache Felix (1.2.0)</p> <p>License: Apache License, 2.0</p> <p>args4j (2.33)</p> <p>License: MIT License</p> <p>dom4j (1.6.1)</p> <p>License: Custom license based on Apache 1.1</p> <p>file-management (3.0.0)</p> <p>License: Apache-2.0</p> <p>Project: <a href="https://maven.apache.org/shared/file-management/">https://maven.apache.org/shared/file-management/</a></p> <p>Source: <a href="https://svn.apache.org/viewvc/maven/shared/tags/file-management-3.0.0/">https://svn.apache.org/viewvc/maven/shared/tags/file-management-3.0.0/</a></p> <p>JUnit (4.12)</p> <p>License: Eclipse Public License</p> <p>JUnit (4.12)</p> <p>License: Eclipse Public License</p> <p>maven-compat (3.5.2)</p> <p>License: Apache-2.0</p> <p>Project: <a href="https://maven.apache.org/ref/3.5.2/maven-compat/">https://maven.apache.org/ref/3.5.2/maven-compat/</a></p> <p>Source: <a href="https://mvnrepository.com/artifact/org.apache.maven/maven-compat/3.5.2">https://mvnrepository.com/artifact/org.apache.maven/maven-compat/3.5.2</a></p> <p>maven-core (3.5.2)</p> <p>License: Apache-2.0</p> <p>Project: <a href="https://maven.apache.org/ref/3.5.2/maven-core/index.html">https://maven.apache.org/ref/3.5.2/maven-core/index.html</a></p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Source: <a href="https://mvnrepository.com/artifact/org.apache.maven/maven-core/3.5.2">https://mvnrepository.com/artifact/org.apache.maven/maven-core/3.5.2</a><br/>maven-plugin-annotations (3.5)</p> <p>License: Apache-2.0</p> <p>Project: <a href="https://maven.apache.org/plugin-tools/maven-plugin-annotations/">https://maven.apache.org/plugin-tools/maven-plugin-annotations/</a><br/>Source: <a href="https://github.com/apache/maven-plugin-tools/tree/master/maven-plugin-annotations">https://github.com/apache/maven-plugin-tools/tree/master/maven-plugin-annotations</a><br/>maven-plugin-api (3.5.2)</p> <p>License: Apache-2.0</p> <p>maven-resolver-api (1.1.1)</p> <p>License: Apache-2.0</p> <p>maven-resolver-api (1.1.1)</p> <p>License: Apache-2.0</p> <p>maven-resolver-connector-basic (1.1.1)</p> <p>License: Apache-2.0</p> <p>maven-resolver-impl (1.1.1)</p> <p>License: Apache-2.0</p> <p>maven-resolver-spi (1.1.1)</p> <p>License: Apache-2.0</p> <p>maven-resolver-transport-file (1.1.1)</p> <p>License: Apache-2.0</p> <p>Project: <a href="https://maven.apache.org/resolver/maven-resolver-transport-file/">https://maven.apache.org/resolver/maven-resolver-transport-file/</a><br/>Source: <a href="https://github.com/apache/maven-resolver/tree/master/maven-resolver-transport-file">https://github.com/apache/maven-resolver/tree/master/maven-resolver-transport-file</a><br/>maven-resolver-util (1.1.1)</p> <p>License: Apache-2.0</p> <p>maven-settings (3.5.2)</p> <p>License: Apache-2.0</p> <p>Source: <a href="https://mvnrepository.com/artifact/org.apache.maven/maven-settings/3.5.2">https://mvnrepository.com/artifact/org.apache.maven/maven-settings/3.5.2</a><br/>OSGi Service Platform Core Companion Code (6.0)</p> <p>License: Apache License, 2.0</p> <p>plexus-archiver (3.5)</p> <p>License: Apache-2.0</p> <p>Project: <a href="https://codehaus-plexus.github.io/plexus-archiver/">https://codehaus-plexus.github.io/plexus-archiver/</a><br/>Source: <a href="https://github.com/codehaus-plexus/plexus-archiver">https://github.com/codehaus-plexus/plexus-archiver</a><br/>plexus-io (3.0.0)</p> <p>License: Apache-2.0</p> <p>plexus-utils (3.1.0)</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>License: Apache- 2.0 or Apache- 1.1 or BSD or Public Domain or Indiana University Extreme! Lab Software License V1.1.1 (Apache 1.1 style)</p> <p>relaxng-datatype (1.0)</p> <p>License: New BSD license</p> <p>Sax (0.2)</p> <p>License: SAX-PD</p> <p>Project: <a href="http://www.megginson.com/downloads/SAX/">http://www.megginson.com/downloads/SAX/</a></p> <p>Source: <a href="http://sourceforge.net/project/showfiles.php?group_id=29449">http://sourceforge.net/project/showfiles.php?group_id=29449</a></p> <p>testng (6.14.2)</p> <p>License: Apache-2.0 AND (MIT OR GPL-1.0+)</p> <p>Project: <a href="https://testng.org/doc/index.html">https://testng.org/doc/index.html</a></p> <p>Source: <a href="https://github.com/cbeust/testng">https://github.com/cbeust/testng</a></p> <p>wagon-http-lightweight (3.0.0)</p> <p>License: Pending</p> <p>Project: <a href="https://maven.apache.org/wagon/">https://maven.apache.org/wagon/</a></p> <p>Source: <a href="https://mvnrepository.com/artifact/org.apache.maven.wagon/wagon-http-lightweight/3.0.0">https://mvnrepository.com/artifact/org.apache.maven.wagon/wagon-http-lightweight/3.0.0</a></p> <p>xz for java (1.8)</p> <p>License: LicenseRef-Public-Domain</p> <p>Cryptography</p> <p>Content may contain encryption software. The country in which you are currently may have restrictions on the import, possession, and use, and/or re-export to another country, of encryption software. BEFORE using any encryption software,</p> <p>please check the country's laws, regulations and policies concerning the import, possession, or use, and re-export of encryption software, to see if this is permitted.</p> <p>=====</p> <p>=====</p> <p>=====</p> <p>Fourth-Party Dependencies</p> <p>com.sun.xml.fastinfoset:FastInfoset</p> <p>License : Apache 2.0 [0]</p> <p>/*</p> <p>* DO NOT ALTER OR REMOVE COPYRIGHT NOTICES OR THIS HEADER.</p> <p>*</p> <p>* Copyright (c) 2004, 2022 Oracle and/or its affiliates. All rights reserved.</p> <p>*</p> <p>* Oracle licenses this file to You under the Apache License, Version 2.0</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>* (the "License"); you may not use this file except in compliance with</p> <p>* the License. You may obtain a copy of the License at</p> <p>*</p> <p>* <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>*</p> <p>* Unless required by applicable law or agreed to in writing, software</p> <p>* distributed under the License is distributed on an "AS IS" BASIS,</p> <p>* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.</p> <p>* See the License for the specific language governing permissions and</p> <p>* limitations under the License.</p> <p>*/</p> <p>-----</p> <p>Notice</p> <p>-----</p> <p># Notices for Eclipse Implementation of JAXB</p> <p>This content is produced and maintained by the Eclipse Implementation of JAXB project.</p> <p>* Project home: <a href="https://projects.eclipse.org/projects/ee4j.jaxb-impl">https://projects.eclipse.org/projects/ee4j.jaxb-impl</a></p> <p>## Trademarks</p> <p>Eclipse Implementation of JAXB is a trademark of the Eclipse Foundation.</p> <p>## Copyright</p> <p>All content is the property of the respective authors or their employers. For more information regarding authorship of content, please consult the listed source code repository logs.</p> <p>## Declared Project Licenses</p> <p>This program and the accompanying materials are made available under the terms of the Eclipse Distribution License v. 1.0 which is available at <a href="http://www.eclipse.org/org/documents/edl-v10.php">http://www.eclipse.org/org/documents/edl-v10.php</a>.</p> <p>SPDX-License-Identifier: BSD-3-Clause</p> <p>## Source Code</p> <p>The project maintains the following source code repositories:</p> <p>* <a href="https://github.com/eclipse-ee4j/jaxb-ri">https://github.com/eclipse-ee4j/jaxb-ri</a></p> <p>* <a href="https://github.com/eclipse-ee4j/jaxb-istack-commons">https://github.com/eclipse-ee4j/jaxb-istack-commons</a></p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>* <a href="https://github.com/eclipse-ee4j/jaxb-dtd-parser">https://github.com/eclipse-ee4j/jaxb-dtd-parser</a></p> <p>* <a href="https://github.com/eclipse-ee4j/jaxb-fi">https://github.com/eclipse-ee4j/jaxb-fi</a></p> <p>* <a href="https://github.com/eclipse-ee4j/jaxb-stax-ex">https://github.com/eclipse-ee4j/jaxb-stax-ex</a></p> <p>* <a href="https://github.com/eclipse-ee4j/jax-rpc-ri">https://github.com/eclipse-ee4j/jax-rpc-ri</a></p> <p>## Third-party Content</p> <p>This project leverages the following third party content.</p> <p>Apache Ant (1.10.2)</p> <p>* License: Apache-2.0 AND W3C AND LicenseRef-Public-Domain</p> <p>Apache Ant (1.10.2)</p> <p>* License: Apache-2.0 AND W3C AND LicenseRef-Public-Domain</p> <p>Apache Felix (1.2.0)</p> <p>* License: Apache License, 2.0</p> <p>args4j (2.33)</p> <p>* License: MIT License</p> <p>dom4j (1.6.1)</p> <p>* License: Custom license based on Apache 1.1</p> <p>file-management (3.0.0)</p> <p>* License: Apache-2.0</p> <p>* Project: <a href="https://maven.apache.org/shared/file-management/">https://maven.apache.org/shared/file-management/</a></p> <p>* Source: <a href="https://svn.apache.org/viewvc/maven/shared/tags/file-management-3.0.0/">https://svn.apache.org/viewvc/maven/shared/tags/file-management-3.0.0/</a></p> <p>JUnit (4.12)</p> <p>* License: Eclipse Public License</p> <p>JUnit (4.12)</p> <p>* License: Eclipse Public License</p> <p>maven-compat (3.5.2)</p> <p>* License: Apache-2.0</p> <p>* Project: <a href="https://maven.apache.org/ref/3.5.2/maven-compat/">https://maven.apache.org/ref/3.5.2/maven-compat/</a></p> <p>* Source: <a href="https://mvnrepository.com/artifact/org.apache.maven/maven-compat/3.5.2">https://mvnrepository.com/artifact/org.apache.maven/maven-compat/3.5.2</a></p> <p>maven-core (3.5.2)</p> <p>* License: Apache-2.0</p> <p>* Project: <a href="https://maven.apache.org/ref/3.5.2/maven-core/index.html">https://maven.apache.org/ref/3.5.2/maven-core/index.html</a></p> <p>* Source: <a href="https://mvnrepository.com/artifact/org.apache.maven/maven-core/3.5.2">https://mvnrepository.com/artifact/org.apache.maven/maven-core/3.5.2</a></p> <p>maven-plugin-annotations (3.5)</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <ul style="list-style-type: none"> <li>* License: Apache-2.0</li> <li>* Project: <a href="https://maven.apache.org/plugin-tools/maven-plugin-annotations/">https://maven.apache.org/plugin-tools/maven-plugin-annotations/</a></li> <li>* Source: <a href="https://github.com/apache/maven-plugin-tools/tree/master/maven-plugin-annotations">https://github.com/apache/maven-plugin-tools/tree/master/maven-plugin-annotations</a></li> <li>maven-plugin-api (3.5.2)</li> <li>* License: Apache-2.0</li> <li>maven-resolver-api (1.1.1)</li> <li>* License: Apache-2.0</li> <li>maven-resolver-api (1.1.1)</li> <li>* License: Apache-2.0</li> <li>maven-resolver-connector-basic (1.1.1)</li> <li>* License: Apache-2.0</li> <li>maven-resolver-impl (1.1.1)</li> <li>* License: Apache-2.0</li> <li>maven-resolver-spi (1.1.1)</li> <li>* License: Apache-2.0</li> <li>maven-resolver-transport-file (1.1.1)</li> <li>* License: Apache-2.0</li> <li>* Project: <a href="https://maven.apache.org/resolver/maven-resolver-transport-file/">https://maven.apache.org/resolver/maven-resolver-transport-file/</a></li> <li>* Source: <a href="https://github.com/apache/maven-resolver/tree/master/maven-resolver-transport-file">https://github.com/apache/maven-resolver/tree/master/maven-resolver-transport-file</a></li> <li>maven-resolver-util (1.1.1)</li> <li>* License: Apache-2.0</li> <li>maven-settings (3.5.2)</li> <li>* License: Apache-2.0</li> <li>* Source: <a href="https://mvnrepository.com/artifact/org.apache.maven/maven-settings/3.5.2">https://mvnrepository.com/artifact/org.apache.maven/maven-settings/3.5.2</a></li> <li>OSGi Service Platform Core Companion Code (6.0)</li> <li>* License: Apache License, 2.0</li> <li>plexus-archiver (3.5)</li> <li>* License: Apache-2.0</li> <li>* Project: <a href="https://codehaus-plexus.github.io/plexus-archiver/">https://codehaus-plexus.github.io/plexus-archiver/</a></li> <li>* Source: <a href="https://github.com/codehaus-plexus/plexus-archiver">https://github.com/codehaus-plexus/plexus-archiver</a></li> <li>plexus-io (3.0.0)</li> </ul> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>* License: Apache-2.0</p> <p>plexus-utils (3.1.0)</p> <p>* License: Apache- 2.0 or Apache- 1.1 or BSD or Public Domain or Indiana University Extreme! Lab Software License V1.1.1 (Apache 1.1 style)</p> <p>relaxng-datatype (1.0)</p> <p>* License: New BSD license</p> <p>Sax (0.2)</p> <p>* License: SAX-PD</p> <p>* Project: <a href="http://www.megginson.com/downloads/SAX/">http://www.megginson.com/downloads/SAX/</a></p> <p>* Source: <a href="http://sourceforge.net/project/showfiles.php?group_id=29449">http://sourceforge.net/project/showfiles.php?group_id=29449</a></p> <p>testng (6.14.2)</p> <p>* License: Apache-2.0 AND (MIT OR GPL-1.0+)</p> <p>* Project: <a href="https://testng.org/doc/index.html">https://testng.org/doc/index.html</a></p> <p>* Source: <a href="https://github.com/cbeust/testng">https://github.com/cbeust/testng</a></p> <p>wagon-http-lightweight (3.0.0)</p> <p>* License: Pending</p> <p>* Project: <a href="https://maven.apache.org/wagon/">https://maven.apache.org/wagon/</a></p> <p>* Source: <a href="https://mvnrepository.com/artifact/org.apache.maven.wagon/wagon-http-lightweight/3.0.0">https://mvnrepository.com/artifact/org.apache.maven.wagon/wagon-http-lightweight/3.0.0</a></p> <p>xz for java (1.8)</p> <p>* License: LicenseRef-Public-Domain</p> <p>## Cryptography</p> <p>Content may contain encryption software. The country in which you are currently may have restrictions on the import, possession, and use, and/or re-export to another country, of encryption software. BEFORE using any encryption software, please check the country's laws, regulations and policies concerning the import, possession, or use, and re-export of encryption software, to see if this is permitted.</p> <p>=====</p> <p>=====</p> <p>=====</p> <p>License References are mentioned below.</p> <p>===== Start</p> <p>License Reference [0]</p> <p>=====</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Apache License<br/>Version 2.0, January 2004<br/><a href="http://www.apache.org/licenses/">http://www.apache.org/licenses/</a></p> <p>TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION</p> <p>1. Definitions.</p> <p>"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.</p> <p>"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.</p> <p>"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.</p> <p>"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.</p> <p>"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.</p> <p>"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.</p> <p>"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).</p> <p>"Derivative Works" shall mean any work, whether in Source or Object</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.</p> <p>"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."</p> <p>"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.</p> <p>2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Work and such Derivative Works in Source or Object form.</p> <p>3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.</p> <p>4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:</p> <p>(a) You must give any other recipients of the Work or Derivative Works a copy of this License; and</p> <p>(b) You must cause any modified files to carry prominent notices stating that You changed the files; and</p> <p>(c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and</p> <p>(d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or,</p> <p>within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents</p> <p>of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided</p> <p>that such additional attribution notices cannot be construed as modifying the License.</p> <p>You may add Your own copyright statement to Your modifications and</p> <p>may provide additional or different license terms and conditions</p> <p>for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with</p> <p>the conditions stated in this License.</p> <p>5. Submission of Contributions. Unless You explicitly state otherwise,</p> <p>any Contribution intentionally submitted for inclusion in the Work</p> <p>by You to the Licensor shall be under the terms and conditions of</p> <p>this License, without any additional terms or conditions.</p> <p>Notwithstanding the above, nothing herein shall supersede or modify</p> <p>the terms of any separate license agreement you may have executed</p> <p>with Licensor regarding such Contributions.</p> <p>6. Trademarks. This License does not grant permission to use the trade</p> <p>names, trademarks, service marks, or product names of the Licensor,</p> <p>except as required for reasonable and customary use in describing the</p> <p>origin of the Work and reproducing the content of the NOTICE file.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.</p> <p>8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.</p> <p>9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.</p> <p>END OF TERMS AND CONDITIONS</p> <p>APPENDIX: How to apply the Apache License to your work.</p> <p>To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.</p> <p>Copyright [yyyy] [name of copyright owner]</p> <p>Licensed under the Apache License, Version 2.0 (the "License");</p> <p>you may not use this file except in compliance with the License.</p> <p>You may obtain a copy of the License at</p> <p><a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS,</p> <p>WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.</p> <p>See the License for the specific language governing permissions and limitations under the License.</p> <p>===== End License Reference [0]</p> <p>===== Start License Reference [1]</p> <p>=====</p> <p>GNU LESSER GENERAL PUBLIC LICENSE</p> <p>Version 2.1, February 1999</p> <p>Copyright (C) 1991, 1999 Free Software Foundation, Inc.</p> <p>51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA</p> <p>see <a href="#">Appendix T</a></p> <p>That's all there is to it!</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>===== End<br/>License Reference [1]<br/>=====</p> <p>===== Start<br/>License Reference [2]<br/>=====</p> <p>Eclipse Public License - v 1.0<br/><a href="#">Appendix J</a></p> <p>===== End<br/>License Reference [2]<br/>=====</p> <p>===== Start<br/>License Reference [3]<br/>=====</p> <p>Eclipse Public License - v 2.0 with GNU General Public License, version 2 with CPE<br/>Eclipse Public License - v 2.0 - See <a href="#">Appendix Y</a><br/>---</p> <p>### The GNU General Public License (GPL) Version 2, June 1991</p> <p>Copyright (C) 1989, 1991 Free Software Foundation, Inc.<br/>51 Franklin Street, Fifth Floor<br/>Boston, MA 02110-1335<br/>USA</p> <p>Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.</p> <p>See <a href="#">Appendix A</a></p> <p>END OF TERMS AND CONDITIONS</p> <p>How to Apply These Terms to Your New Programs</p> <p>If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.</p> <p>To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.</p> <p>One line to give the program's name and a brief idea of what it does.<br/>Copyright (C)</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.</p> <p>This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.</p> <p>You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1335 USA</p> <p>Also add information on how to contact you by electronic and paper mail.</p> <p>If the program is interactive, make it output a short notice like this when it starts in an interactive mode:</p> <p>Gnomovision version 69, Copyright (C) year name of author<br/>Gnomovision comes with ABSOLUTELY NO WARRANTY;<br/>for details type<br/>`show w'. This is free software, and you are welcome to redistribute it under certain conditions; type `show c' for details.</p> <p>The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.</p> <p>You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:</p> <p>Yoyodyne, Inc., hereby disclaims all copyright interest in the program `Gnomovision' (which makes passes at compilers) written by<br/>James Hacker.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>signature of Ty Coon, 1 April 1989<br/> Ty Coon, President of Vice</p> <p>This General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Library General Public License instead of this License.</p> <p>---</p> <p>## CLASSPATH EXCEPTION</p> <p>Linking this library statically or dynamically with other modules is making a combined work based on this library. Thus, the terms and conditions of the GNU General Public License version 2 cover the whole combination.</p> <p>As a special exception, the copyright holders of this library give you permission to link this library with independent modules to produce an executable, regardless of the license terms of these independent modules, and to copy and distribute the resulting executable under terms of your choice, provided that you also meet, for each linked independent module, the terms and conditions of the license of that module. An independent module is a module which is not derived from or based on this library. If you modify this library, you may extend this exception to your version of the library, but you are not obligated to do so. If you do not wish to do so, delete this exception statement from your version.</p> <p>===== End<br/> License Reference [3]<br/> =====</p> <p>===== Start<br/> License Reference [4]<br/> =====</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>[The "BSD 3-clause license"]<br/>Copyright (c) 2012-2017 The ANTLR Project. All rights reserved.<br/>See <a href="#">Appendix M</a><br/>=====<br/>MIT License for codepointat.js from https://git.io/codepointat<br/>MIT License for fromcodepoint.js from https://git.io/vDW1m<br/>Copyright Mathias Bynens<br/>See <a href="#">Appendix G</a><br/>===== End<br/>License Reference [4]<br/>=====</p> <p>===== Start<br/>License Reference [5]<br/>=====</p> <p>Eclipse Public License - v 2.0 and Eclipse Distribution License - v 1.0<br/>This program and the accompanying materials are made available under the terms of the Eclipse Public License v. 2.0 which is available at<br/>http://www.eclipse.org/legal/epl-2.0,<br/>or the Eclipse Distribution License v. 1.0 which is available at<br/>http://www.eclipse.org/org/documents/edl-v10.php.<br/>SPDX-License-Identifier: EPL-2.0 OR BSD-3-Clause<br/>Eclipse Public License - v 2.0 - See <a href="#">Appendix Y</a><br/>Eclipse Distribution License - v 1.0<br/>Copyright (c) 2007, Eclipse Foundation, Inc. and its licensors.<br/>All rights reserved.<br/>See <a href="#">Appendix M</a><br/>===== End<br/>License Reference [5]<br/>=====</p> <p>=====Start of<br/>License Reference [6]<br/>=====</p> <p>Per: https://www.eclipse.org/org/documents/epl-2.0/EPL-2.0.txt<br/>Eclipse Public License - v 2.0 - See <a href="#">Appendix Y</a><br/>=====End of<br/>License Reference [6]<br/>=====</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider              | Component (s)                    | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-----------------------|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Pivotal Software, Inc | spring-boot-starter-log4j2 2.7.4 | <p>Top Level Component Copyright:</p> <p>-----</p> <p>Spring Boot</p> <p>Copyright (c) 2012-2022 Pivotal, Inc.</p> <p>This product is licensed to you under the Apache License, Version 2.0</p> <p>(the "License"). You may not use this product except in compliance with</p> <p>the License.</p> <p>=====</p> <p>=====</p> <p>org.springframework.boot:spring-boot-starter-log4j2</p> <p>License: Apache License Version 2.0</p> <p>License: [0]</p> <p>Copyright:</p> <p>/*</p> <p>* Copyright 2012-2022 Pivotal, Inc.</p> <p>*</p> <p>* Licensed under the Apache License, Version 2.0 (the "License");</p> <p>* you may not use this file except in compliance with the License.</p> <p>* You may obtain a copy of the License at</p> <p>*</p> <p>* <a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a></p> <p>*</p> <p>* Unless required by applicable law or agreed to in writing, software</p> <p>* distributed under the License is distributed on an "AS IS" BASIS,</p> <p>* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.</p> <p>* See the License for the specific language governing permissions and</p> <p>* limitations under the License.</p> <p>*/</p> <p>----- NOTICE -----</p> <p>Spring Boot</p> <p>Copyright (c) 2012-2022 Pivotal, Inc.</p> <p>This product is licensed to you under the Apache License, Version 2.0</p> <p>(the "License"). You may not use this product except in compliance with</p> <p>the License.</p> <p>=====</p> <p>=====</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Fourth party Dependencies:</p> <p>org.springframework.boot spring-boot</p> <p>org.springframework.boot spring-boot-starter</p> <p>License : Apache License Version 2.0 [0]</p> <p>Copyright 2002-2022 Pivotal, Inc.</p> <p>Licensed under the Apache License, Version 2.0 (the "License");</p> <p>you may not use this file except in compliance with the License.</p> <p>You may obtain a copy of the License at</p> <p><a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS,</p> <p>WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.</p> <p>See the License for the specific language governing permissions and limitations under the License.</p> <p>-----</p> <p>Notice:</p> <p>-----</p> <p>Spring Boot</p> <p>Copyright (c) 2012-2022 Pivotal, Inc.</p> <p>This product is licensed to you under the Apache License, Version 2.0</p> <p>(the "License"). You may not use this product except in compliance with the License.</p> <p>=====</p> <p>=====</p> <p>Fourth-Party Dependencies</p> <p>org.springframework spring-aop</p> <p>org.springframework spring-context</p> <p>org.springframework spring-expression</p> <p>License : Apache License Version 2.0 [0]</p> <p>Copyright 2002-2022 Pivotal, Inc.</p> <p>Licensed under the Apache License, Version 2.0 (the "License");</p> <p>you may not use this file except in compliance with the License.</p> <p>You may obtain a copy of the License at</p> <p><a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.</p> <p>-----</p> <p>Notice:</p> <p>-----</p> <p>Spring Framework<br/>Copyright (c) 2002-2022 Pivotal, Inc.</p> <p>This product is licensed to you under the Apache License, Version 2.0 (the "License"). You may not use this product except in compliance with the License.</p> <p>This product may include a number of subcomponents with separate copyright notices and license terms. Your use of the source code for these subcomponents is subject to the terms and conditions of the subcomponent's license, as noted in the license.txt file.</p> <p>=====</p> <p>=====</p> <p>Fourth party Dependencies:</p> <p>org.apache.logging.log4j:log4j-core</p> <p>License: Apache License, Version 2.0</p> <p>Text of License: [0]</p> <p>Copyright 1999-2022 The Apache Software Foundation<br/>Licensed to the Apache Software Foundation (ASF) under one or more contributor license agreements. See the NOTICE file distributed with this work for additional information regarding copyright ownership.</p> <p>The ASF licenses this file to You under the Apache license, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the license for the specific language governing permissions and limitations under the license.</p> <p>Apache Log4j Core<br/>Copyright 1999-2012 Apache Software Foundation</p> <p>This product includes software developed at The Apache Software Foundation (<a href="http://www.apache.org/">http://www.apache.org/</a>).</p> <p>ResolverUtil.java<br/>Copyright 2005-2006 Tim Fennell</p> <p>=====</p> <p>Fourth party Dependencies:</p> <p>org.apache.logging.log4j:log4j-slf4j-impl<br/>org.apache.logging.log4j:log4j-api<br/>org.apache.logging.log4j:log4j-jul</p> <p>Common Copyright:<br/>License: Apache License, Version 2.0<br/>Text of License: [0]</p> <p>Copyright 1999-2022 The Apache Software Foundation<br/>Licensed to the Apache Software Foundation (ASF) under one or more contributor license agreements. See the NOTICE file distributed with this work for additional information regarding copyright ownership. The ASF licenses this file to You under the Apache license, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the license for the specific language governing permissions and</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>limitations under the license.</p> <p>Notice:</p> <p>Apache Log4j</p> <p>Copyright 1999-2022 Apache Software Foundation</p> <p>This product includes software developed at</p> <p>The Apache Software Foundation (<a href="http://www.apache.org/">http://www.apache.org/</a>).</p> <p>ResolverUtil.java</p> <p>Copyright 2005-2006 Tim Fennell</p> <p>Dumbster SMTP test server</p> <p>Copyright 2004 Jason Paul Kitchen</p> <p>TypeUtil.java</p> <p>Copyright 2002-2012 Ramnivas Laddad, Juergen Hoeller, Chris Beams</p> <p>picocli (<a href="http://picocli.info">http://picocli.info</a>)</p> <p>Copyright 2017 Remko Popma</p> <p>TimeoutBlockingWaitStrategy.java and parts of Util.java</p> <p>Copyright 2011 LMAX Ltd.</p> <p>=====</p> <p>=====</p> <p>Fourth-Party Dependencies</p> <p>org.slf4j:slf4j-api</p> <p>Copyright (c) 2004-2022 QOS.ch Sarl (Switzerland)</p> <p>All rights reserved.</p> <p>License: MIT License</p> <p>See <a href="#">Appendix G</a></p> <p>=====</p> <p>=====</p> <p>Fourth-Party Dependencies</p> <p>jul-to-slf4j</p> <p>Copyright (c) 2004-2022 QOS.ch Sarl (Switzerland)</p> <p>All rights reserved.</p> <p>License: MIT License</p> <p>See <a href="#">Appendix G</a></p> <p>=====</p> <p>=====</p> <p>License References:</p> <p>=====</p> <p>=====</p> <p>===== Start of Reference [0]</p> <p>=====</p> |

Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information

| Provider | Component (s) | Licensing Information                                                              |
|----------|---------------|------------------------------------------------------------------------------------|
|          |               | APACHE 2.0 - See <a href="#">Appendix E</a><br>===== End of Reference [0]<br>===== |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider              | Component (s)                           | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-----------------------|-----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Pivotal Software, Inc | spring-boot-starter-oauth2-client 2.5.5 | <p>TOP-LEVEL COPYRIGHT NOTICE for spring-boot-starter-oauth2-client 2.2.4.RELEASE<br/>© 2019 Pivotal Software, Inc. All Rights Reserved</p> <p>-----separator-----</p> <p>TOP-LEVEL LICENSE TEXT for spring-boot-starter-oauth2-client 2.2.4.RELEASE</p> <p><b>APACHE 2.0 - See <a href="#">Appendix E</a></b></p> <p>-----separator-----</p> <p>FOURTH-PARTY DEPENDENCY #1<br/>org.springframework.boot:spring-boot-starter:2.2.4.RELEASE<br/>FOURTH-PARTY DEPENDENCY #2<br/>org.springframework.security:spring-security-config:5.2.1.RELEASE<br/>FOURTH-PARTY DEPENDENCY #3<br/>org.springframework.security:spring-security-core:5.2.1.RELEASE<br/>FOURTH-PARTY DEPENDENCY #4<br/>org.springframework.security:spring-security-oauth2-client:5.2.1.RELEASE<br/>FOURTH-PARTY DEPENDENCY #5<br/>org.springframework.security:spring-security-oauth2-core:5.2.1.RELEASE<br/>FOURTH-PARTY DEPENDENCY #6<br/>org.springframework.security:spring-security-web:5.2.1.RELEASE<br/>FOURTH-PARTY DEPENDENCY #7<br/>org.springframework.security:spring-security-oauth2-jose:5.2.1.RELEASE</p> <p>COMMON COPYRIGHT NOTICES</p> <p>Copyright © 2020 Pivotal Software, Inc.. All rights reserved.</p> <p>COMMON LICENSE NOTICES<br/>Apache License, Version 2.0</p> <p>Please refer to Apache License text mentioned under TOP-LEVEL LICENSE TEXT</p> <p>-----separator-----</p> <p>FOURTH-PARTY DEPENDENCY #8<br/>org.springframework:spring-aop:5.2.3.RELEASE<br/>FOURTH-PARTY DEPENDENCY #9<br/>org.springframework:spring-beans:5.2.3.RELEASE<br/>FOURTH-PARTY DEPENDENCY #10<br/>org.springframework:spring-context:5.2.3.RELEASE<br/>FOURTH-PARTY DEPENDENCY #11<br/>org.springframework:spring-core:5.2.3.RELEASE<br/>FOURTH-PARTY DEPENDENCY #12</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>org.springframework:spring-expression:5.2.3.RELEASE<br/>FOURTH-PARTY DEPENDENCY #13<br/>org.springframework:spring-web:5.2.3.RELEASE</p> <p>COMMON COPY RIGHT TEXT</p> <p>© 2020 VMware, Inc. or its affiliates. Terms of Use • Privacy • Trademark Guidelines</p> <p>Apache®, Apache Tomcat®, Apache Kafka®, Apache Cassandra™, and Apache Geode™ are trademarks or registered trademarks of the Apache Software Foundation in the United States and/or other countries. Java™, Java™ SE, Java™ EE, and OpenJDK™ are trademarks of Oracle and/or its affiliates. Kubernetes® is a registered trademark of the Linux Foundation in the United States and other countries. Linux® is the registered trademark of Linus Torvalds in the United States and other countries. Windows® and Microsoft® Azure are registered trademarks of Microsoft Corporation. "AWS" and "Amazon Web Services" are trademarks or registered trademarks of Amazon.com Inc. or its affiliates. All other trademarks and copyrights are property of their respective owners and are only mentioned for informative purposes. Other names may be trademarks of their respective owners.</p> <p>COMMON LICENSE NOTICES</p> <p>Please refer to Apache License text mentioned under TOP-LEVEL LICENSE TEXT</p> <p>-----separator-----</p> <p>FOURTH-PARTY DEPENDENCY #14 com.nimbusds:oauth2-oidc-sdk:6.14<br/>FOURTH-PARTY DEPENDENCY #15 com.nimbusds:lang-tag:1.4.4<br/>FOURTH-PARTY DEPENDENCY #16 com.nimbusds:nimbus-jose-jwt:7.8</p> <p>© 2020 Connect2id Ltd.<br/>EU VAT ID BG202911783</p> <p>COMMON LICENSE NOTICES</p> <p>Please refer to Apache License text mentioned under TOP-LEVEL LICENSE TEXT</p> <p>-----separator-----</p> <p>FOURTH-PARTY DEPENDENCY #17 net.minidev:json-smart:2.3<br/>FOURTH-PARTY DEPENDENCY #18 net.minidev:accessors-smart:1.2</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Copyright © XSERVER Inc. All Rights Reserved.</p> <p>COMMON LICENSE NOTICES<br/>Please refer to Apache License text mentioned under TOP-LEVEL LICENSE TEXT</p> <p>-----separator-----</p> <p>FOURTH-PARTY DEPENDENCY #19<br/>com.github.stephenc.jcip:jcip-annotations:1.0-1</p> <p>Copyright 2013 Stephen Connolly.</p> <p>COMMON LICENSE NOTICES<br/>Please refer to Apache License text mentioned under TOP-LEVEL LICENSE TEXT</p> <p>-----separator-----</p> <p>FOURTH-PARTY DEPENDENCY #20<br/>com.sun.mail:jakarta.mail:1.6.4</p> <p>Copyright (c) 1997, 2019 Oracle and/or its affiliates. All rights reserved.</p> <p>This program and the accompanying materials are made available under the terms of the Eclipse Public License v. 2.0, which is available at <a href="http://www.eclipse.org/legal/epl-2.0">http://www.eclipse.org/legal/epl-2.0</a>.</p> <p>This Source Code may also be made available under the following Secondary Licenses when the conditions for such availability set forth in the Eclipse Public License v. 2.0 are satisfied: GNU General Public License, version 2 with the GNU Classpath Exception, which is available at <a href="https://www.gnu.org/software/classpath/license.html">https://www.gnu.org/software/classpath/license.html</a>.</p> <p>SPDX-License-Identifier: EPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0</p> <p>-----separator-----</p> <p>FOURTH-PARTY DEPENDENCY #21<br/>com.sun.activation:jakarta.activation:1.2.1</p> <p>Copyright (c) 1997, 2018 Oracle and/or its affiliates. All rights reserved.</p> <p>This program and the accompanying materials are made available under the terms of the Eclipse Distribution License v. 1.0, which is available at</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p><a href="http://www.eclipse.org/org/documents/edl-v10.php">http://www.eclipse.org/org/documents/edl-v10.php</a>.</p> <p>SPDX-License-Identifier: BSD-3-Clause</p> <p>#20 and #21 are Licensed under EPL 2.0, GPL2 w/ CPE , EDL 1.0<br/>License text is copied below.</p> <p>-----separator-----<br/>-----EPL 2.0 text -----</p> <p>EPL 2.0 - See <a href="#">Appendix Y</a></p> <p>-----separator-----<br/>----- (GPL2 w/ CPE) GNU Classpath text-----<br/>Classpath::License<br/>Classpath is distributed under the terms of the GNU General Public License with the following clarification and special exception.</p> <p>Linking this library statically or dynamically with other modules is making a combined work based on this library. Thus, the terms and conditions of the GNU General Public License cover the whole combination.</p> <p>As a special exception, the copyright holders of this library give you permission to link this library with independent modules to produce an executable, regardless of the license terms of these independent modules, and to copy and distribute the resulting executable under terms of your choice, provided that you also meet, for each linked independent module, the terms and conditions of the license of that module. An independent module is a module which is not derived from or based on this library. If you modify this library, you may extend this exception to your version of the library, but you are not obligated to do so. If you do not wish to do so, delete this exception statement from your version.</p> <p>As such, it can be used to run, create and distribute a large class of applications and applets. When GNU Classpath is used unmodified as the core class library for a virtual machine, compiler for the java language, or for a program written in the java programming language it does not affect the licensing for distributing those programs directly.</p> <p>Classpath::Documentation Redistribution Policy<br/>GNU Documentation is unique because of our attitude towards it. We believe the reader should</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>be free to copy and redistribute it, just like our software. Originally, all our documentation was released under a short Copyleft license, or under the GNU General Public License (GPL) itself; in 2001 the Free Documentation License (FDL) was created to address certain needs that were not met by licenses originally designed for software.</p> <p>-----separator-----<br/> ----- EDL 1.0 text-----<br/> Eclipse Distribution License - v 1.0<br/> Copyright (c) 2007, Eclipse Foundation, Inc. and its licensors.</p> <p>All rights reserved.</p> <p>See <a href="#">Appendix M</a></p> <p>-----separator-----<br/> FOURTH-PARTY DEPENDENCY #22 org.ow2.asm:asm:5.0.4</p> <p>Licensed under BSD License</p> <p>-----separator-----<br/> -----BSD License text-----</p> <p>License<br/> ASM is released under the following 3-Clause BSD License:</p> <p>ASM: a very small and fast Java bytecode manipulation framework<br/> Copyright (c) 2000-2011 INRIA, France Telecom<br/> All rights reserved.</p> <p>See <a href="#">Appendix M</a></p> <p>-----separator-----</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider              | Component (s)                                                                                                                                                        | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Pivotal Software, Inc | <p>spring-boot-starter-oauth2-client 2.2.4.RELEASE</p> <p>spring-boot-starter-oauth2-client 2.5.1.RELEASE</p> <p>spring-boot-starter-oauth2-client 2.6.7.RELEASE</p> | <p>TOP-LEVEL COPYRIGHT NOTICE for spring-boot-starter-oauth2-client 2.2.4.RELEASE © 2019 Pivotal Software, Inc. All Rights Reserved</p> <p>TOP-LEVEL LICENSE TEXT for spring-boot-starter-oauth2-client 2.2.4.RELEASE Apache License, Version 2.0</p> <p>APACHE 2.0 - See <a href="#">Appendix E</a></p> <p>FOURTH-PARTY DEPENDENCY #1</p> <p>org.springframework.boot:spring-boot-starter:2.2.4.RELEASE FOURTH-PARTY DEPENDENCY #2</p> <p>org.springframework.security:spring-security-config:5.2.1.RELEASE FOURTH-PARTY DEPENDENCY #3</p> <p>org.springframework.security:spring-security-core:5.2.1.RELEASE FOURTH-PARTY DEPENDENCY #4</p> <p>org.springframework.security:spring-security-oauth2-client:5.2.1.RELEASE FOURTH-PARTY DEPENDENCY #5</p> <p>org.springframework.security:spring-security-oauth2-core:5.2.1.RELEASE FOURTH-PARTY DEPENDENCY #6</p> <p>org.springframework.security:spring-security-web:5.2.1.RELEASE FOURTH-PARTY DEPENDENCY #7</p> <p>org.springframework.security:spring-security-oauth2-jose:5.2.1.RELEASE COMMON COPYRIGHT NOTICES</p> <p>Copyright © 2020 Pivotal Software, Inc.. All rights reserved.</p> <p>COMMON LICENSE NOTICES Apache License, Version 2.0</p> <p>APACHE 2.0 - See <a href="#">Appendix E</a></p> <p>FOURTH-PARTY DEPENDENCY #8</p> <p>org.springframework:spring-aop:5.2.3.RELEASE FOURTH-PARTY DEPENDENCY #9</p> <p>org.springframework:spring-beans:5.2.3.RELEASE FOURTH-PARTY DEPENDENCY #10</p> <p>org.springframework:spring-context:5.2.3.RELEASE FOURTH-PARTY DEPENDENCY #11</p> <p>org.springframework:spring-core:5.2.3.RELEASE FOURTH-PARTY DEPENDENCY #12</p> <p>org.springframework:spring-expression:5.2.3.RELEASE FOURTH-PARTY DEPENDENCY #13</p> <p>org.springframework:spring-web:5.2.3.RELEASE COMMON COPY RIGHT TEXT © 2020 VMware, Inc. or its affiliates. Terms of Use • Privacy • Trademark Guidelines Apache®, Apache Tomcat®, Apache Kafka®, Apache Cassandra™, and Apache Geode™ are trademarks or registered trademarks of the Apache Software Foundation in the United States and/or other countries. Java™, Java™ SE, Java™ EE, and OpenJDK™ are trademarks of Oracle and/or its affiliates. Kubernetes® is a registered trademark of the Linux Foundation in the United States and other countries. Linux® is the registered trademark of Linus Torvalds in the United States and other countries. Windows® and Microsoft® Azure are registered trademarks of Microsoft Corporation. “AWS” and “Amazon Web Services” are trademarks or registered trademarks of Amazon.com Inc. or its affiliates. All other trademarks and copyrights are property of their respective owners and are only mentioned for informative purposes. Other names may be trademarks of their respective owners. COMMON LICENSE NOTICES Please refer to Apache License text mentioned under TOP-LEVEL LICENSE TEXT</p> <p>FOURTH-PARTY DEPENDENCY #14</p> <p>com.nimbusds:oauth2-oidc-sdk:6.14 FOURTH-PARTY</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>DEPENDENCY #15 com.nimbusds:lang-tag:1.4.4 FOURTH-PARTY DEPENDENCY #16 com.nimbusds:nimbus-jose-jwt:7.8 © 2020 Connect2id Ltd. EU VAT ID BG202911783 COMMON LICENSE NOTICES Please refer to Apache License text mentioned under TOP-LEVEL LICENSE TEXT</p> <p>FOURTH-PARTY DEPENDENCY #17 net.minidev:json-smart:2.3 FOURTH-PARTY DEPENDENCY #18 net.minidev:accessors-smart:1.2 Copyright © XSERVER Inc. All Rights Reserved. COMMON LICENSE NOTICES Please refer to Apache License text mentioned under TOP-LEVEL LICENSE TEXT</p> <p>FOURTH-PARTY DEPENDENCY #19 com.github.stephenc.jcip:jcip-annotations:1.0-1 Copyright 2013 Stephen Connolly. COMMON LICENSE NOTICES Please refer to Apache License text mentioned under TOP-LEVEL LICENSE TEXT</p> <p>FOURTH-PARTY DEPENDENCY #20 com.sun.mail:jakarta.mail:1.6.4 Copyright (c) 1997, 2019 Oracle and/or its affiliates. All rights reserved. This program and the accompanying materials are made available under the terms of the Eclipse Public License v. 2.0, which is available at <a href="http://www.eclipse.org/legal/epl-2.0">http://www.eclipse.org/legal/epl-2.0</a>. This Source Code may also be made available under the following Secondary Licenses when the conditions for such availability set forth in the Eclipse Public License v. 2.0 are satisfied: GNU General Public License, version 2 with the GNU Classpath Exception, which is available at <a href="https://www.gnu.org/software/classpath/license.html">https://www.gnu.org/software/classpath/license.html</a>. SPDX-License-Identifier: EPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0</p> <p>FOURTH-PARTY DEPENDENCY #21 com.sun.activation:jakarta.activation:1.2.1 Copyright (c) 1997, 2018 Oracle and/or its affiliates. All rights reserved. This program and the accompanying materials are made available under the terms of the Eclipse Distribution License v. 1.0, which is available at <a href="http://www.eclipse.org/org/documents/edl-v10.php">http://www.eclipse.org/org/documents/edl-v10.php</a>. SPDX-License-Identifier: BSD-3-Clause #20 and #21 are Licensed under EPL 2.0, GPL2 w/ CPE , EDL 1.0 Lincese text is copied below.</p> <p>EPL 2.0 - See <a href="#">Appendix Y</a></p> <p>(GPL2 w/ CPE) GNU Classpath text-----<br/>Classpath::License Classpath is distributed under the terms of the GNU General Public License with the following clarification and special exception. Linking this library statically or dynamically with other modules is making a combined work based on this library. Thus, the terms and conditions of the GNU General Public License cover the whole combination. As a special exception, the copyright holders of this library give you permission to link this library with independent modules to produce an executable, regardless of the license terms of these independent modules, and to copy and distribute the resulting executable under terms of your choice, provided that you also meet, for each linked independent module, the terms and conditions of the license of that module. An independent module is a module which is not derived from or based on this library. If</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>you modify this library, you may extend this exception to your version of the library, but you are not obligated to do so. If you do not wish to do so, delete this exception statement from your version. As such, it can be used to run, create and distribute a large class of applications and applets. When GNU Classpath is used unmodified as the core class library for a virtual machine, compiler for the java language, or for a program written in the java programming language it does not affect the licensing for distributing those programs directly. Classpath::Documentation Redistribution Policy</p> <p>GNU Documentation is unique because of our attitude towards it. We believe the reader should be free to copy and redistribute it, just like our software. Originally, all our documentation was released under a short Copyleft license, or under the GNU General Public License (GPL) itself; in 2001 the Free Documentation License (FDL) was created to address certain needs that were not met by licenses originally designed for software.</p> <p>----- EDL 1.0 text----- Eclipse Distribution License - v 1.0 Copyright (c) 2007, Eclipse Foundation, Inc. and its licensors. All rights reserved.</p> <p>See <a href="#">Appendix M</a></p> <p>FOURTH-PARTY DEPENDENCY #22</p> <p>org.ow2.asm:asm:5.0.4 &lt;!-- ! ASM: a very small and fast Java bytecode manipulation framework ! Copyright (c) 2000-2011 INRIA, France Telecom ! All rights reserved. ! !</p> <p>See <a href="#">Appendix M</a></p> <p>--&gt; Licensed under BSD License</p> <p>License ASM is released under the following 3-Clause BSD License: ASM: a very small and fast Java bytecode manipulation framework Copyright (c) 2000-2011 INRIA, France Telecom All rights reserved.</p> <p>See <a href="#">Appendix M</a></p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider              | Component (s)                                                                                        | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-----------------------|------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Pivotal Software, Inc | spring-boot-starter-oauth2-resource-server 2.5.5<br>spring-boot-starter-oauth2-resource-server 2.7.4 | <p>TOP-LEVEL COPYRIGHT NOTICE for spring-boot-starter-oauth2-resource-server 2.2.4.RELEASE<br/>© 2019 Pivotal Software, Inc. All Rights Reserved</p> <p>-----separator-----</p> <p>TOP-LEVEL LICENSE TEXT for spring-boot-starter-oauth2-resource-server 2.2.4.RELEASE</p> <p><b>APACHE 2.0 - See <a href="#">Appendix E</a></b></p> <p>-----separator-----</p> <p>FOURTH-PARTY DEPENDENCY #1<br/>org.springframework.boot:spring-boot-starter:2.2.4.RELEASE<br/>FOURTH-PARTY DEPENDENCY #2<br/>org.springframework.security:spring-security-config:5.2.1.RELEASE<br/>FOURTH-PARTY DEPENDENCY #3<br/>org.springframework.security:spring-security-core:5.2.1.RELEASE<br/>FOURTH-PARTY DEPENDENCY #4<br/>org.springframework.security:spring-security-oauth2-resource-server:5.2.1.RELEASE<br/>FOURTH-PARTY DEPENDENCY #5<br/>org.springframework.security:spring-security-core:5.2.1.RELEASE<br/>FOURTH-PARTY DEPENDENCY #6<br/>org.springframework.security:spring-security-oauth2-core:5.2.1.RELEASE<br/>FOURTH-PARTY DEPENDENCY #7<br/>org.springframework.security:spring-security-web:5.2.1.RELEASE<br/>FOURTH-PARTY DEPENDENCY #8<br/>org.springframework.security:spring-security-oauth2-jose:5.2.1.RELEASE</p> <p>COMMON COPYRIGHT NOTICES<br/>Copyright © 2020 Pivotal Software, Inc.. All rights reserved.</p> <p>COMMON LICENSE NOTICES<br/>Apache License, Version 2.0<br/>Please refer to Apache License text mentioned under TOP-LEVEL LICENSE TEXT</p> <p>-----separator-----</p> <p>FOURTH-PARTY DEPENDENCY #9<br/>org.springframework:spring-core:5.2.3.RELEASE</p> <p>COMMON COPY RIGHT TEXT</p> <p>© 2020 VMware, Inc. or its affiliates. Terms of Use • Privacy • Trademark Guidelines</p> <p>Apache®, Apache Tomcat®, Apache Kafka®, Apache</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider      | Component (s)             | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|---------------|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|               |                           | <p>Cassandra™, and Apache Geode™ are trademarks or registered trademarks of the Apache Software Foundation in the United States and/or other countries. Java™, Java™ SE, Java™ EE, and OpenJDK™ are trademarks of Oracle and/or its affiliates. Kubernetes® is a registered trademark of the Linux Foundation in the United States and other countries. Linux® is the registered trademark of Linus Torvalds in the United States and other countries. Windows® and Microsoft® Azure are registered trademarks of Microsoft Corporation. "AWS" and "Amazon Web Services" are trademarks or registered trademarks of Amazon.com Inc. or its affiliates. All other trademarks and copyrights are property of their respective owners and are only mentioned for informative purposes. Other names may be trademarks of their respective owners.</p> <p>COMMON LICENSE NOTICES<br/>Please refer to Apache License text mentioned under TOP-LEVEL LICENSE TEXT</p> <p>-----separator-----</p> |
| Pivotal, Inc. | spring-security-web 5.7.5 | APACHE 2.0 - See <a href="#">Appendix E</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider              | Component (s)              | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-----------------------|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Pivotal Software, Inc | spring-security-core 5.7.2 | <p>Top Level LT: Spring Security</p> <p>License: Apache 2.0</p> <p>APACHE 2.0 - See <a href="#">Appendix E</a></p> <p>Notice:</p> <p>=====</p> <p>=====</p> <p>== NOTICE file corresponding to section 4(d) of the Apache License, ==</p> <p>== Version 2.0, in this case for the Spring Security distribution. ==</p> <p>=====</p> <p>=====</p> <p>The end-user documentation included with a redistribution, if any, must include the following acknowledgement:</p> <p>"This product includes software developed by Spring Security Project (<a href="https://www.springframework.org/security">https://www.springframework.org/security</a>)."</p> <p>Alternately, this acknowledgement may appear in the software itself, if and wherever such third-party acknowledgements normally appear.</p> <p>The names "Spring", "Spring Security", "Spring Security System", "SpringSource", "Acegi", "Acegi Security", "Acegi Security System", "Acegi" or any derivatives thereof may not be used to endorse or promote products derived from this software without prior written permission. For written permission, please contact <a href="mailto:ben.alex@springsource.com">ben.alex@springsource.com</a>.</p> <p>=====</p> <p>=====</p> <p>Fourth Party Dependencies:</p> <p>spring-security-core</p> <p>spring-security-crypto</p> <p>APACHE 2.0 - See <a href="#">Appendix E</a></p> <p>/*</p> <p>* Copyright 2022 Pivotal Software, Inc.</p> <p>*</p> <p>* Licensed under the Apache License, Version 2.0 (the "License");</p> <p>* you may not use this file except in compliance with the License.</p> <p>* You may obtain a copy of the License at</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>*<br/> * <a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a><br/> *<br/> * Unless required by applicable law or agreed to in writing, software<br/> * distributed under the License is distributed on an "AS IS" BASIS,<br/> * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.<br/> * See the License for the specific language governing permissions and<br/> * limitations under the License.<br/> */</p> <p>=====</p> <p>APACHE 2.0 - See <a href="#">Appendix E</a><br/> Fourth Party Dependencies:<br/> spring-aop<br/> spring-beans<br/> spring-context<br/> spring-core<br/> spring-jcl<br/> spring-expression<br/> APACHE 2.0 - See <a href="#">Appendix E</a><br/> Notice:<br/> Spring Framework<br/> Copyright (c) 2002-2022 Pivotal, Inc.<br/> This product is licensed to you under the Apache License, Version 2.0<br/> (the "License"). You may not use this product except in compliance with<br/> the License.<br/> This product may include a number of subcomponents with separate<br/> copyright notices and license terms. Your use of the source code for<br/> these subcomponents is subject to the terms and conditions of the<br/> subcomponent's license, as noted in the license.txt file.<br/> ----</p> <p>SPRING FRAMEWORK \${version} SUBCOMPONENTS:<br/> Spring Framework \${version} includes a number of subcomponents<br/> with separate copyright notices and license terms. The product that</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>includes this file does not necessarily use all the open source subcomponents referred to below. Your use of the source code for these subcomponents is subject to the terms and conditions of the following licenses.</p> <p>&gt;&gt;&gt; ASM 7.3 (org.ow2.asm:asm:7.3, org.ow2.asm:asm-commons:7.3):</p> <p>Copyright (c) 2000-2011 INRIA, France Telecom<br/>All rights reserved.</p> <p>See <a href="#">Appendix M</a></p> <p>Copyright (c) 1999-2009, OW2 Consortium</p> <p>&gt;&gt;&gt; CGLIB 3.3 (cglib:cglib:3.3):</p> <p>Per the LICENSE file in the CGLIB JAR distribution downloaded from<br/><a href="https://github.com/cglib/cglib/releases/download/RELEASE_3_3_0/cglib-3.3.0.jar">https://github.com/cglib/cglib/releases/download/RELEASE_3_3_0/cglib-3.3.0.jar</a>,<br/>CGLIB 3.3 is licensed under the Apache License, version 2.0, the text of which is included above.</p> <p>&gt;&gt;&gt; Objenesis 3.1 (org.objenesis:objenesis:3.1):</p> <p>Per the LICENSE file in the Objenesis ZIP distribution downloaded from<br/><a href="http://objenesis.org/download.html">http://objenesis.org/download.html</a>, Objenesis 3.1 is licensed under the<br/>Apache License, version 2.0, the text of which is included above.</p> <p>Per the NOTICE file in the Objenesis ZIP distribution downloaded from<br/><a href="http://objenesis.org/download.html">http://objenesis.org/download.html</a> and corresponding to section 4d of the<br/>Apache License, Version 2.0, in this case for Objenesis:</p> <p>Objenesis<br/>Copyright 2006-2019 Joe Walnes, Henri Tremblay, Leonardo Mesquita</p> <p>=====</p> <p>To the extent any open source components are licensed under the EPL and/or other similar licenses that require the source code and/or modifications to source code to be made available (as would be noted above), you may obtain a copy of the source code corresponding to the binaries for such open source</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>components and modifications thereto, if any, (the "Source Files"), by</p> <p>downloading the Source Files from <a href="https://spring.io/projects">https://spring.io/projects</a>, Pivotal's website</p> <p>at <a href="https://network.pivotal.io/open-source">https://network.pivotal.io/open-source</a>, or by sending a request, with your</p> <p>name and address to: Pivotal Software, Inc., 875 Howard Street, 5th floor, San Francisco, CA 94103, Attention: General Counsel. All such requests should</p> <p>clearly specify: OPEN SOURCE FILES REQUEST, Attention General Counsel. Pivotal</p> <p>can mail a copy of the Source Files to you on a CD or equivalent physical medium.</p> <p>This offer to obtain a copy of the Source Files is valid for three years from</p> <p>the date you acquired this Software product. Alternatively, the Source Files</p> <p>may accompany the Software.</p> <p>---</p> <p>APACHE 2.0 - See <a href="#">Appendix E</a></p> <p>commons-logging</p> <p>Apache Commons Logging</p> <p>Copyright 2003-2016 The Apache Software Foundation</p> <p>This product includes software developed at</p> <p>The Apache Software Foundation (<a href="http://www.apache.org/">http://www.apache.org/</a>).</p> <p>--</p> <p>com.fasterxml.jackson.annotation</p> <p>APACHE 2.0 - See <a href="#">Appendix E</a></p> <p>Copyright (c) 2020 Tatu Saloranta</p> <p>--</p> <p>com.fasterxml.jackson.core</p> <p>APACHE 2.0 - See <a href="#">Appendix E</a></p> <p># Jackson JSON processor</p> <p>Jackson is a high-performance, Free/Open Source JSON processing library.</p> <p>It was originally written by Tatu Saloranta (<a href="mailto:tatu.saloranta@iki.fi">tatu.saloranta@iki.fi</a>), and has</p> <p>been in development since 2007.</p> <p>It is currently developed by a community of developers.</p> <p>## Licensing</p> <p>Jackson 3.x core and extension components are licensed under Apache License 2.0</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>To find the details that apply to this artifact see the accompanying LICENSE file.</p> <p>## Credits</p> <p>A list of contributors may be found from CREDITS file, which is included in some artifacts (usually source distributions); but is always available from the source code management (SCM) system project uses.</p> <p>--</p> <p>com.fasterxml.jackson.databind</p> <p>APACHE 2.0 - See <a href="#">Appendix E</a></p> <p># Jackson JSON processor</p> <p>Jackson is a high-performance, Free/Open Source JSON processing library.</p> <p>It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007.</p> <p>It is currently developed by a community of developers.</p> <p>## Licensing</p> <p>Jackson 3.x core and extension components are licensed under Apache License 2.0</p> <p>To find the details that apply to this artifact see the accompanying LICENSE file.</p> <p>## Credits</p> <p>A list of contributors may be found from CREDITS file, which is included in some artifacts (usually source distributions); but is always available from the source code management (SCM) system project uses.</p> <p>---</p> <p>aspectjweaver</p> <p><a href="#">Eclipse Public License - v 1.0</a></p> <p>Top Level LT: Spring Security</p> <p>APACHE 2.0 - See <a href="#">Appendix E</a></p> <p>Notice:</p> <p>=====</p> <p>=====</p> <p>== NOTICE file corresponding to section 4(d) of the Apache License, ==</p> <p>== Version 2.0, in this case for the Spring Security distribution. ==</p> <p>=====</p> <p>=====</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>The end-user documentation included with a redistribution, if any, must include the following acknowledgement:</p> <p>"This product includes software developed by Spring Security Project (<a href="https://www.springframework.org/security">https://www.springframework.org/security</a>)."</p> <p>Alternately, this acknowledgement may appear in the software itself, if and wherever such third-party acknowledgements normally appear.</p> <p>The names "Spring", "Spring Security", "Spring Security System", "SpringSource", "Acegi", "Acegi Security", "Acegi Security System", "Acegi" or any derivatives thereof may not be used to endorse or promote products derived from this software without prior written permission. For written permission, please contact <a href="mailto:ben.alex@springsource.com">ben.alex@springsource.com</a>.</p> <p>=====</p> <p>Fourth Party Dependencies:</p> <p>spring-security-core<br/>spring-security-crypto<br/>APACHE 2.0 - See <a href="#">Appendix E</a></p> <p>/*</p> <p>* Copyright 2022 Pivotal Software, Inc.</p> <p>*</p> <p>* Licensed under the Apache License, Version 2.0 (the "License");</p> <p>* you may not use this file except in compliance with the License.</p> <p>* You may obtain a copy of the License at</p> <p>*</p> <p>* <a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a></p> <p>*</p> <p>* Unless required by applicable law or agreed to in writing, software</p> <p>* distributed under the License is distributed on an "AS IS" BASIS,</p> <p>* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.</p> <p>* See the License for the specific language governing permissions and</p> <p>* limitations under the License.</p> <p>*/</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>=====</p> <p>=====</p> <p>APACHE 2.0 - See <a href="#">Appendix E</a></p> <p>Notice:</p> <p>=====</p> <p>=====</p> <p>== NOTICE file corresponding to section 4(d) of the Apache License, ==</p> <p>== Version 2.0, in this case for the Spring Security distribution. ==</p> <p>=====</p> <p>=====</p> <p>The end-user documentation included with a redistribution, if any, must include the following acknowledgement:</p> <p>"This product includes software developed by Spring Security Project (<a href="https://www.springframework.org/security">https://www.springframework.org/security</a>)."</p> <p>Alternately, this acknowledgement may appear in the software itself, if and wherever such third-party acknowledgements normally appear.</p> <p>The names "Spring", "Spring Security", "Spring Security System", "SpringSource", "Acegi", "Acegi Security", "Acegi Security System", "Acegi" or any derivatives thereof may not be used to endorse or promote products derived from this software without prior written permission. For written permission, please contact <a href="mailto:ben.alex@springsource.com">ben.alex@springsource.com</a>.</p> <p>=====</p> <p>=====</p> <p>Fourth Party Dependencies:</p> <p>spring-aop</p> <p>spring-beans</p> <p>spring-context</p> <p>spring-core</p> <p>spring-jcl</p> <p>spring-expression</p> <p>License: Apache 2.0</p> <p>/*</p> <p>* Copyright 2002-2022 Pivotal Software, Inc.</p> <p>*</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>* Licensed under the Apache License, Version 2.0 (the "License");</p> <p>* you may not use this file except in compliance with the License.</p> <p>* You may obtain a copy of the License at</p> <p>*</p> <p>* <a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a></p> <p>*</p> <p>* Unless required by applicable law or agreed to in writing, software</p> <p>* distributed under the License is distributed on an "AS IS" BASIS,</p> <p>* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.</p> <p>* See the License for the specific language governing permissions and</p> <p>* limitations under the License.</p> <p>*/</p> <p>Notice:</p> <p>Spring Framework</p> <p>Copyright (c) 2002-2022 Pivotal, Inc.</p> <p>This product is licensed to you under the Apache License, Version 2.0</p> <p>(the "License"). You may not use this product except in compliance with</p> <p>the License.</p> <p>This product may include a number of subcomponents with separate</p> <p>copyright notices and license terms. Your use of the source code for</p> <p>these subcomponents is subject to the terms and conditions of the</p> <p>subcomponent's license, as noted in the license.txt file.</p> <p>----</p> <p>SPRING FRAMEWORK \${version} SUBCOMPONENTS:</p> <p>Spring Framework \${version} includes a number of subcomponents</p> <p>with separate copyright notices and license terms. The product that</p> <p>includes this file does not necessarily use all the open source</p> <p>subcomponents referred to below. Your use of the source code for these subcomponents is subject to the terms and conditions of the following licenses.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>&gt;&gt;&gt; ASM 7.3 (org.ow2.asm:asm:7.3, org.ow2.asm:asm-commons:7.3):</p> <p>Copyright (c) 2000-2011 INRIA, France Telecom<br/>All rights reserved.</p> <p>See <a href="#">Appendix M</a></p> <p>Copyright (c) 1999-2009, OW2 Consortium</p> <p>&gt;&gt;&gt; CGLIB 3.3 (cglib:cglib:3.3):</p> <p>Per the LICENSE file in the CGLIB JAR distribution downloaded from<br/><a href="https://github.com/cglib/cglib/releases/download/RELEASE_3_3_0/cglib-3.3.0.jar">https://github.com/cglib/cglib/releases/download/RELEASE_3_3_0/cglib-3.3.0.jar</a>,<br/>CGLIB 3.3 is licensed under the Apache License, version 2.0, the text of which is included above.</p> <p>&gt;&gt;&gt; Objenesis 3.1 (org.objenesis:objenesis:3.1):</p> <p>Per the LICENSE file in the Objenesis ZIP distribution downloaded from<br/><a href="http://objenesis.org/download.html">http://objenesis.org/download.html</a>, Objenesis 3.1 is licensed under the<br/>Apache License, version 2.0, the text of which is included above.</p> <p>Per the NOTICE file in the Objenesis ZIP distribution downloaded from<br/><a href="http://objenesis.org/download.html">http://objenesis.org/download.html</a> and corresponding to section 4d of the<br/>Apache License, Version 2.0, in this case for Objenesis:</p> <p>Objenesis<br/>Copyright 2006-2019 Joe Walnes, Henri Tremblay, Leonardo Mesquita</p> <p>=====</p> <p>To the extent any open source components are licensed under the EPL and/or other similar licenses that require the source code and/or modifications to source code to be made available (as would be noted above), you may obtain a copy of the source code corresponding to the binaries for such open source components and modifications thereto, if any, (the "Source Files"), by downloading the Source Files from <a href="https://spring.io/projects,Pivotal's website">https://spring.io/projects,Pivotal's website</a> at <a href="https://network.pivotal.io/open-source">https://network.pivotal.io/open-source</a>, or by sending a request, with your</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>name and address to: Pivotal Software, Inc., 875 Howard Street, 5th floor, San Francisco, CA 94103, Attention: General Counsel. All such requests should clearly specify: OPEN SOURCE FILES REQUEST, Attention General Counsel. Pivotal can mail a copy of the Source Files to you on a CD or equivalent physical medium.</p> <p>This offer to obtain a copy of the Source Files is valid for three years from the date you acquired this Software product. Alternatively, the Source Files may accompany the Software.</p> <p>Apache 2.0<br/>commons-logging<br/>Apache Commons Logging<br/>Copyright 2003-2016 The Apache Software Foundation</p> <p>This product includes software developed at The Apache Software Foundation (<a href="http://www.apache.org/">http://www.apache.org/</a>).</p> <p>--</p> <p>com.fasterxml.jackson.annotation<br/>Apache 2.0<br/>Copyright (c) 2020 Tatu Saloranta</p> <p>--</p> <p>com.fasterxml.jackson.core<br/>ines (797 sloc) 31.2 KB<br/>Jackson JSON-processor.<br/>Copyright (c) 2007- Tatu Saloranta, tatu.saloranta@iki.fi</p> <p>Apache 2.0</p> <p># Jackson JSON processor</p> <p>Jackson is a high-performance, Free/Open Source JSON processing library.</p> <p>It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007.</p> <p>It is currently developed by a community of developers.</p> <p>## Licensing</p> <p>Jackson 3.x core and extension components are licensed under Apache License 2.0</p> <p>To find the details that apply to this artifact see the accompanying LICENSE file.</p> <p>## Credits</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>A list of contributors may be found from CREDITS file, which is included in some artifacts (usually source distributions); but is always available from the source code management (SCM) system project uses.</p> <p>--</p> <p>com.fasterxml.jackson.databind</p> <p>Copyright 2007-present the original author or authors.<br/>Licensed under the Apache License, Version 2.0 (the "License");<br/>you may not use this file except in compliance with the License.<br/>You may obtain a copy of the License at<br/><a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS,<br/>WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.<br/>See the License for the specific language governing permissions and limitations under the License.</p> <p>Copyright © 2012 fasterxml.com. All Rights Reserved.<br/>Apache 2.0</p> <p># Jackson JSON processor</p> <p>Jackson is a high-performance, Free/Open Source JSON processing library.<br/>It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007.<br/>It is currently developed by a community of developers.</p> <p>## Licensing</p> <p>Jackson 3.x core and extension components are licensed under Apache License 2.0<br/>To find the details that apply to this artifact see the accompanying LICENSE file.</p> <p>## Credits</p> <p>A list of contributors may be found from CREDITS file, which is included in some artifacts (usually source distributions); but is always available from the source code management (SCM) system project uses.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>---</p> <p>aspectjweaver</p> <p>* Copyright (c) 1999-2001 Xerox Corporation,<br/> * 2002 Palo Alto Research Center, Incorporated (PARC).<br/> * All rights reserved.<br/> * This program and the accompanying materials are made available<br/> * under the terms of the Eclipse Public License v 2.0<br/> * which accompanies this distribution and is available at<br/> * <a href="https://www.eclipse.org/org/documents/epl-2.0/EPL-2.0.txt">https://www.eclipse.org/org/documents/epl-2.0/EPL-2.0.txt</a><br/> Eclipse Public License - v 1.0 - See <a href="#">Appendix J</a><br/> Top Level LT: Spring Security<br/> License: Apache 2.0<br/> Notice:<br/> =====</p> <p>=====</p> <p>== NOTICE file corresponding to section 4(d) of the Apache License, ==<br/> == Version 2.0, in this case for the Spring Security distribution. ==</p> <p>=====</p> <p>=====</p> <p>The end-user documentation included with a redistribution, if any,<br/> must include the following acknowledgement:<br/> "This product includes software developed by Spring Security<br/> Project (<a href="https://www.springframework.org/security">https://www.springframework.org/security</a>)."<br/> Alternately, this acknowledgement may appear in the software itself,<br/> if and wherever such third-party acknowledgements normally appear.<br/> The names "Spring", "Spring Security", "Spring Security System",<br/> "SpringSource", "Acegi", "Acegi Security", "Acegi Security System",<br/> "Acegi" or any derivatives thereof may not be used to endorse or<br/> promote products derived from this software without prior written<br/> permission. For written permission, please contact <a href="mailto:ben.alex@springsource.com">ben.alex@springsource.com</a>.<br/> =====</p> <p>=====</p> <p>Fourth Party Dependencies:<br/> spring-security-core</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>spring-security-crypto</p> <p>License: Apache 2.0</p> <p>/*</p> <p>* Copyright 2022 Pivotal Software, Inc.</p> <p>*</p> <p>* Licensed under the Apache License, Version 2.0 (the "License");</p> <p>* you may not use this file except in compliance with the License.</p> <p>* You may obtain a copy of the License at</p> <p>*</p> <p>* <a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a></p> <p>*</p> <p>* Unless required by applicable law or agreed to in writing, software</p> <p>* distributed under the License is distributed on an "AS IS" BASIS,</p> <p>* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.</p> <p>* See the License for the specific language governing permissions and</p> <p>* limitations under the License.</p> <p>*/</p> <p>Apache License 2.0 - See <a href="#">Appendix E</a></p> <p>=====</p> <p>=====</p> <p>=====</p> <p>=====</p> <p>Notice:</p> <p>=====</p> <p>=====</p> <p>== NOTICE file corresponding to section 4(d) of the Apache License, ==</p> <p>== Version 2.0, in this case for the Spring Security distribution. ==</p> <p>=====</p> <p>=====</p> <p>The end-user documentation included with a redistribution, if any,</p> <p>must include the following acknowledgement:</p> <p>"This product includes software developed by Spring Security Project (<a href="https://www.springframework.org/security">https://www.springframework.org/security</a>)."</p> <p>Alternately, this acknowledgement may appear in the software itself,</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>if and wherever such third-party acknowledgements normally appear.</p> <p>The names "Spring", "Spring Security", "Spring Security System",<br/>"SpringSource", "Acegi", "Acegi Security", "Acegi Security System",<br/>"Acegi" or any derivatives thereof may not be used to endorse or<br/>promote products derived from this software without prior<br/>written<br/>permission. For written permission, please contact<br/>ben.alex@springsource.com.</p> <p>=====</p> <p>=====</p> <p>Fourth Party Dependencies:</p> <p>spring-aop<br/>spring-beans<br/>spring-context<br/>spring-core<br/>spring-jcl<br/>spring-expression</p> <p>License: Apache 2.0</p> <p>/*<br/>* Copyright 2002-2022 Pivotal Software, Inc.<br/>*<br/>* Licensed under the Apache License, Version 2.0 (the<br/>"License");<br/>* you may not use this file except in compliance with the<br/>License.<br/>* You may obtain a copy of the License at<br/>*<br/>* <a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a><br/>*<br/>* Unless required by applicable law or agreed to in writing,<br/>software<br/>* distributed under the License is distributed on an "AS IS"<br/>BASIS,<br/>* WITHOUT WARRANTIES OR CONDITIONS OF ANY<br/>KIND, either express or implied.<br/>* See the License for the specific language governing<br/>permissions and<br/>* limitations under the License.<br/>*/</p> <p>Notice:</p> <p>Spring Framework</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Copyright (c) 2002-2022 Pivotal, Inc.</p> <p>This product is licensed to you under the Apache License, Version 2.0 (the "License"). You may not use this product except in compliance with the License.</p> <p>This product may include a number of subcomponents with separate copyright notices and license terms. Your use of the source code for these subcomponents is subject to the terms and conditions of the subcomponent's license, as noted in the license.txt file.</p> <p>----</p> <p>SPRING FRAMEWORK \${version} SUBCOMPONENTS:</p> <p>Spring Framework \${version} includes a number of subcomponents with separate copyright notices and license terms. The product that includes this file does not necessarily use all the open source subcomponents referred to below. Your use of the source code for these subcomponents is subject to the terms and conditions of the following licenses.</p> <p>&gt;&gt;&gt; ASM 7.3 (org.ow2.asm:asm:7.3, org.ow2.asm:asm-commons:7.3):</p> <p>Copyright (c) 2000-2011 INRIA, France Telecom<br/>All rights reserved.</p> <p>See <a href="#">Appendix M</a></p> <p>Copyright (c) 1999-2009, OW2 Consortium</p> <p>&gt;&gt;&gt; CGLIB 3.3 (cglib:cglib:3.3):</p> <p>Per the LICENSE file in the CGLIB JAR distribution downloaded from <a href="https://github.com/cglib/cglib/releases/download/RELEASE_3_3_0/cglib-3.3.0.jar">https://github.com/cglib/cglib/releases/download/RELEASE_3_3_0/cglib-3.3.0.jar</a>, CGLIB 3.3 is licensed under the Apache License, version 2.0, the text of which is included above.</p> <p>&gt;&gt;&gt; Objenesis 3.1 (org.objenesis:objenesis:3.1):</p> <p>Per the LICENSE file in the Objenesis ZIP distribution downloaded from <a href="http://objenesis.org/download.html">http://objenesis.org/download.html</a>, Objenesis 3.1 is licensed under the</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Apache License, version 2.0, the text of which is included above.</p> <p>Per the NOTICE file in the Objenesis ZIP distribution downloaded from <a href="http://objenesis.org/download.html">http://objenesis.org/download.html</a> and corresponding to section 4d of the Apache License, Version 2.0, in this case for Objenesis:</p> <p>Objenesis<br/>Copyright 2006-2019 Joe Walnes, Henri Tremblay, Leonardo Mesquita</p> <p>=====</p> <p>To the extent any open source components are licensed under the EPL and/or other similar licenses that require the source code and/or modifications to source code to be made available (as would be noted above), you may obtain a copy of the source code corresponding to the binaries for such open source components and modifications thereto, if any, (the "Source Files"), by downloading the Source Files from <a href="https://spring.io/projects">https://spring.io/projects</a>, Pivotal's website at <a href="https://network.pivotal.io/open-source">https://network.pivotal.io/open-source</a>, or by sending a request, with your name and address to: Pivotal Software, Inc., 875 Howard Street, 5th floor, San Francisco, CA 94103, Attention: General Counsel. All such requests should clearly specify: OPEN SOURCE FILES REQUEST, Attention General Counsel. Pivotal can mail a copy of the Source Files to you on a CD or equivalent physical medium.</p> <p>This offer to obtain a copy of the Source Files is valid for three years from the date you acquired this Software product. Alternatively, the Source Files may accompany the Software.</p> <p>---</p> <p>Apache 2.0<br/>commons-logging<br/>Apache Commons Logging<br/>Copyright 2003-2016 The Apache Software Foundation<br/>This product includes software developed at</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>The Apache Software Foundation (<a href="http://www.apache.org/">http://www.apache.org/</a>).</p> <p>--</p> <p>com.fasterxml.jackson.annotation</p> <p>Apache 2.0</p> <p>Copyright (c) 2020 Tatu Saloranta</p> <p>--</p> <p>com.fasterxml.jackson.core</p> <p>ines (797 sloc) 31.2 KB</p> <p>Jackson JSON-processor.</p> <p>Copyright (c) 2007- Tatu Saloranta, tatu.saloranta@iki.fi</p> <p>Apache 2.0</p> <p># Jackson JSON processor</p> <p>Jackson is a high-performance, Free/Open Source JSON processing library.</p> <p>It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007.</p> <p>It is currently developed by a community of developers.</p> <p>## Licensing</p> <p>Jackson 3.x core and extension components are licensed under Apache License 2.0</p> <p>To find the details that apply to this artifact see the accompanying LICENSE file.</p> <p>## Credits</p> <p>A list of contributors may be found from CREDITS file, which is included</p> <p>in some artifacts (usually source distributions); but is always available</p> <p>from the source code management (SCM) system project uses.</p> <p>--</p> <p>com.fasterxml.jackson.databind</p> <p>Copyright 2007-present the original author or authors.</p> <p>Licensed under the Apache License, Version 2.0 (the "License");</p> <p>you may not use this file except in compliance with the License.</p> <p>You may obtain a copy of the License at</p> <p><a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Unless required by applicable law or agreed to in writing, software</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>distributed under the License is distributed on an "AS IS" BASIS,<br/>WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.<br/>See the License for the specific language governing permissions and limitations under the License.</p> <p>Copyright © 2012 fasterxml.com. All Rights Reserved.</p> <p>Apache 2.0</p> <p># Jackson JSON processor</p> <p>Jackson is a high-performance, Free/Open Source JSON processing library.<br/>It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007.<br/>It is currently developed by a community of developers.</p> <p>## Licensing</p> <p>Jackson 3.x core and extension components are licensed under Apache License 2.0<br/>To find the details that apply to this artifact see the accompanying LICENSE file.</p> <p>## Credits</p> <p>A list of contributors may be found from CREDITS file, which is included<br/>in some artifacts (usually source distributions); but is always available<br/>from the source code management (SCM) system project uses.</p> <p>---</p> <p>aspectjweaver</p> <p>* Copyright (c) 1999-2001 Xerox Corporation,<br/>* 2002 Palo Alto Research Center, Incorporated (PARC).<br/>* All rights reserved.<br/>* This program and the accompanying materials are made available<br/>* under the terms of the Eclipse Public License v 2.0<br/>* which accompanies this distribution and is available at<br/>* <a href="https://www.eclipse.org/org/documents/epl-2.0/EPL-2.0.txt">https://www.eclipse.org/org/documents/epl-2.0/EPL-2.0.txt</a><br/>Eclipse Public License - v 1.0 - See <a href="#">Appendix J</a><br/>Top Level LT: Spring Security</p> <p>License: Apache 2.0</p> <p>Notice:</p> <p>=====</p> <p>=====</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>== NOTICE file corresponding to section 4(d) of the Apache License, ==</p> <p>== Version 2.0, in this case for the Spring Security distribution. ==</p> <p>=====</p> <p>=====</p> <p>The end-user documentation included with a redistribution, if any,<br/>must include the following acknowledgement:</p> <p>"This product includes software developed by Spring Security<br/>Project (<a href="https://www.springframework.org/security">https://www.springframework.org/security</a>)."</p> <p>Alternately, this acknowledgement may appear in the software itself,<br/>if and wherever such third-party acknowledgements normally appear.</p> <p>The names "Spring", "Spring Security", "Spring Security System",<br/>"SpringSource", "Acegi", "Acegi Security", "Acegi Security System",<br/>"Acegi" or any derivatives thereof may not be used to endorse or<br/>promote products derived from this software without prior written<br/>permission. For written permission, please contact<br/><a href="mailto:ben.alex@springsource.com">ben.alex@springsource.com</a>.</p> <p>=====</p> <p>=====</p> <p>Fourth Party Dependencies:</p> <p>spring-security-core<br/>spring-security-crypto<br/>License: Apache 2.0</p> <p>/*</p> <p>* Copyright 2022 Pivotal Software, Inc.</p> <p>*</p> <p>* Licensed under the Apache License, Version 2.0 (the "License");</p> <p>* you may not use this file except in compliance with the License.</p> <p>* You may obtain a copy of the License at</p> <p>*</p> <p>* <a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a></p> <p>*</p> <p>* Unless required by applicable law or agreed to in writing, software</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>* distributed under the License is distributed on an "AS IS" BASIS,</p> <p>* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.</p> <p>* See the License for the specific language governing permissions and</p> <p>* limitations under the License.</p> <p>*/</p> <p>=====</p> <p>=====</p> <p>Apache License 2.0 - See <a href="#">Appendix E</a></p> <p>=====</p> <p>=====</p> <p>Notice:</p> <p>=====</p> <p>=====</p> <p>== NOTICE file corresponding to section 4(d) of the Apache License, ==</p> <p>== Version 2.0, in this case for the Spring Security distribution. ==</p> <p>=====</p> <p>=====</p> <p>The end-user documentation included with a redistribution, if any,</p> <p>must include the following acknowledgement:</p> <p>"This product includes software developed by Spring Security Project (<a href="https://www.springframework.org/security">https://www.springframework.org/security</a>)."</p> <p>Alternately, this acknowledgement may appear in the software itself,</p> <p>if and wherever such third-party acknowledgements normally appear.</p> <p>The names "Spring", "Spring Security", "Spring Security System",</p> <p>"SpringSource", "Acegi", "Acegi Security", "Acegi Security System",</p> <p>"Acegi" or any derivatives thereof may not be used to endorse or</p> <p>promote products derived from this software without prior written</p> <p>permission. For written permission, please contact <a href="mailto:ben.alex@springsource.com">ben.alex@springsource.com</a>.</p> <p>=====</p> <p>=====</p> <p>Fourth Party Dependencies:</p> <p>spring-aop</p> <p>spring-beans</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>spring-context<br/>spring-core<br/>spring-jcl<br/>spring-expression<br/>License: Apache 2.0<br/>/*<br/>* Copyright 2002-2022 Pivotal Software, Inc.<br/>*<br/>* Licensed under the Apache License, Version 2.0 (the "License");<br/>* you may not use this file except in compliance with the License.<br/>* You may obtain a copy of the License at<br/>*<br/>* <a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a><br/>*<br/>* Unless required by applicable law or agreed to in writing, software<br/>* distributed under the License is distributed on an "AS IS" BASIS,<br/>* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.<br/>* See the License for the specific language governing permissions and<br/>* limitations under the License.<br/>*/</p> <p>Notice:<br/>Spring Framework<br/>Copyright (c) 2002-2022 Pivotal, Inc.<br/>This product is licensed to you under the Apache License, Version 2.0<br/>(the "License"). You may not use this product except in compliance with<br/>the License.<br/>This product may include a number of subcomponents with separate<br/>copyright notices and license terms. Your use of the source code for<br/>these subcomponents is subject to the terms and conditions of the<br/>subcomponent's license, as noted in the license.txt file.<br/>----</p> <p>SPRING FRAMEWORK \${version} SUBCOMPONENTS:<br/>Spring Framework \${version} includes a number of subcomponents</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>with separate copyright notices and license terms. The product that includes this file does not necessarily use all the open source subcomponents referred to below. Your use of the source code for these subcomponents is subject to the terms and conditions of the following licenses.</p> <p>&gt;&gt;&gt; ASM 7.3 (org.ow2.asm:asm:7.3, org.ow2.asm:asm-commons:7.3):</p> <p>Copyright (c) 2000-2011 INRIA, France Telecom<br/>All rights reserved.</p> <p>See <a href="#">Appendix M</a></p> <p>Copyright (c) 1999-2009, OW2 Consortium</p> <p>&gt;&gt;&gt; CGLIB 3.3 (cglib:cglib:3.3):</p> <p>Per the LICENSE file in the CGLIB JAR distribution downloaded from <a href="https://github.com/cglib/cglib/releases/download/RELEASE_3_3_0/cglib-3.3.0.jar">https://github.com/cglib/cglib/releases/download/RELEASE_3_3_0/cglib-3.3.0.jar</a>, CGLIB 3.3 is licensed under the Apache License, version 2.0, the text of which is included above.</p> <p>&gt;&gt;&gt; Objenesis 3.1 (org.objenesis:objenesis:3.1):</p> <p>Per the LICENSE file in the Objenesis ZIP distribution downloaded from <a href="http://objenesis.org/download.html">http://objenesis.org/download.html</a>, Objenesis 3.1 is licensed under the Apache License, version 2.0, the text of which is included above.</p> <p>Per the NOTICE file in the Objenesis ZIP distribution downloaded from <a href="http://objenesis.org/download.html">http://objenesis.org/download.html</a> and corresponding to section 4d of the Apache License, Version 2.0, in this case for Objenesis:</p> <p>Objenesis<br/>Copyright 2006-2019 Joe Walnes, Henri Tremblay, Leonardo Mesquita</p> <p>=====</p> <p>To the extent any open source components are licensed under the EPL and/or other similar licenses that require the source code and/or modifications to source code to be made available (as would be noted above), you may obtain a</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>copy of the source code corresponding to the binaries for such open source components and modifications thereto, if any, (the "Source Files"), by downloading the Source Files from <a href="https://spring.io/projects/Pivotal">https://spring.io/projects, Pivotal's website</a> at <a href="https://network.pivotal.io/open-source">https://network.pivotal.io/open-source</a>, or by sending a request, with your name and address to: Pivotal Software, Inc., 875 Howard Street, 5th floor, San Francisco, CA 94103, Attention: General Counsel. All such requests should clearly specify: OPEN SOURCE FILES REQUEST, Attention General Counsel. Pivotal can mail a copy of the Source Files to you on a CD or equivalent physical medium.</p> <p>This offer to obtain a copy of the Source Files is valid for three years from the date you acquired this Software product. Alternatively, the Source Files may accompany the Software.</p> <p>---</p> <p>Apache 2.0<br/>commons-logging<br/>Apache Commons Logging<br/>Copyright 2003-2016 The Apache Software Foundation<br/>This product includes software developed at The Apache Software Foundation (<a href="http://www.apache.org/">http://www.apache.org/</a>).</p> <p>--</p> <p>com.fasterxml.jackson.annotation<br/>Apache 2.0<br/>Copyright (c) 2020 Tatu Saloranta</p> <p>--</p> <p>com.fasterxml.jackson.core<br/>ines (797 sloc) 31.2 KB<br/>Jackson JSON-processor.<br/>Copyright (c) 2007- Tatu Saloranta, <a href="mailto:tatu.saloranta@iki.fi">tatu.saloranta@iki.fi</a></p> <p>Apache 2.0<br/># Jackson JSON processor<br/>Jackson is a high-performance, Free/Open Source JSON processing library.<br/>It was originally written by Tatu Saloranta (<a href="mailto:tatu.saloranta@iki.fi">tatu.saloranta@iki.fi</a>), and has</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>been in development since 2007.<br/>It is currently developed by a community of developers.</p> <p>## Licensing</p> <p>Jackson 3.x core and extension components are licensed under Apache License 2.0<br/>To find the details that apply to this artifact see the accompanying LICENSE file.</p> <p>## Credits</p> <p>A list of contributors may be found from CREDITS file, which is included<br/>in some artifacts (usually source distributions); but is always available<br/>from the source code management (SCM) system project uses.</p> <p>--</p> <p>com.fasterxml.jackson.databind</p> <p>Copyright 2007-present the original author or authors.<br/>Licensed under the Apache License, Version 2.0 (the "License");<br/>you may not use this file except in compliance with the License.<br/>You may obtain a copy of the License at<br/><a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a><br/>Unless required by applicable law or agreed to in writing, software<br/>distributed under the License is distributed on an "AS IS" BASIS,<br/>WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.<br/>See the License for the specific language governing permissions and<br/>limitations under the License.<br/>Copyright © 2012 fasterxml.com. All Rights Reserved.</p> <p>Apache 2.0</p> <p># Jackson JSON processor</p> <p>Jackson is a high-performance, Free/Open Source JSON processing library.<br/>It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has<br/>been in development since 2007.<br/>It is currently developed by a community of developers.</p> <p>## Licensing</p> <p>Jackson 3.x core and extension components are licensed under Apache License 2.0</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>To find the details that apply to this artifact see the accompanying LICENSE file.</p> <p>## Credits</p> <p>A list of contributors may be found from CREDITS file, which is included in some artifacts (usually source distributions); but is always available from the source code management (SCM) system project uses.</p> <p>---</p> <p>aspectjweaver</p> <p>* Copyright (c) 1999-2001 Xerox Corporation,<br/> * 2002 Palo Alto Research Center, Incorporated (PARC).<br/> * All rights reserved.<br/> * This program and the accompanying materials are made available<br/> * under the terms of the Eclipse Public License v 2.0<br/> * which accompanies this distribution and is available at<br/> * <a href="https://www.eclipse.org/org/documents/epl-2.0/EPL-2.0.txt">https://www.eclipse.org/org/documents/epl-2.0/EPL-2.0.txt</a><br/> *</p> <p>Eclipse Public License - v 1.0 - See <a href="#">Appendix J</a></p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider              | Component (s)                  | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-----------------------|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Pivotal Software, Inc | spring-boot-starter-test 2.7.4 | <p>Top Level LT: Spring boot<br/>APACHE 2.0 - See <a href="#">Appendix E</a></p> <p>-----</p> <p>Spring Boot<br/>Copyright (c) 2012-2020 Pivotal, Inc.</p> <p>This product is licensed to you under the Apache License, Version 2.0 (the "License"). You may not use this product except in compliance with the License.</p> <p>----- Copyright notices -----</p> <p>spring-boot-starter-test</p> <pre> /*  * Copyright 2012-2021 Pivotal Software, Inc.  *  * Licensed under the Apache License, Version 2.0 (the  * "License");  * you may not use this file except in compliance with the  * License.  * You may obtain a copy of the License at  *  * https://www.apache.org/licenses/LICENSE-2.0  *  * Unless required by applicable law or agreed to in writing,  * software  * distributed under the License is distributed on an "AS IS"  * BASIS,  * WITHOUT WARRANTIES OR CONDITIONS OF ANY  * KIND, either express or implied.  * See the License for the specific language governing  * permissions and  * limitations under the License.  */ </pre> <p>----- Fourth-party information -----</p> <p>The list of 4th party dependencies:</p> <p>4TH PARTY DEPENDENCY #01-<br/>org.springframework.boot:spring-boot-test</p> <p>4TH PARTY DEPENDENCY #02-<br/>org.springframework.boot:spring-boot-test-autoconfigure</p> <p>4TH PARTY DEPENDENCY #03-<br/>org.springframework:spring-test</p> <p>4TH PARTY DEPENDENCY #04-com.jayway.jsonpath:json-path</p> <p>4TH PARTY DEPENDENCY #05-<br/>jakarta.xml.bind:jakarta.xml.bind-api</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>4TH PARTY DEPENDENCY #06-jakarta.activation:jakarta.activation-api</p> <p>4TH PARTY DEPENDENCY #07-org.assertj:assertj-core</p> <p>4TH PARTY DEPENDENCY #08-org.hamcrest:hamcrest</p> <p>4TH PARTY DEPENDENCY #09-org.junit.jupiter:junit-jupiter</p> <p>4TH PARTY DEPENDENCY #10-org.junit.jupiter:junit-jupiter-engine</p> <p>4TH PARTY DEPENDENCY #11-org.junit.platform:junit-platform-engine</p> <p>4TH PARTY DEPENDENCY #12-org.mockito:mockito-core</p> <p>4TH PARTY DEPENDENCY #13-org.mockito:mockito-junit-jupiter</p> <p>4TH PARTY DEPENDENCY #14-net.bytebuddy:byte-buddy</p> <p>4TH PARTY DEPENDENCY #15-net.bytebuddy:byte-buddy-agent</p> <p>4TH PARTY DEPENDENCY #16-org.objenesis:objenesis</p> <p>4TH PARTY DEPENDENCY #17-org.skyscreamer:jsonassert</p> <p>4TH PARTY DEPENDENCY #18-com.vaadin.external.google:android-json</p> <p>4TH PARTY DEPENDENCY #19-org.xmlunit:xmlunit-core</p> <p>4TH PARTY DEPENDENCY #20-org.springframework:spring-core</p> <p>4TH PARTY DEPENDENCY #21-org.springframework.boot:spring-boot-starter</p> <p>4TH PARTY DEPENDENCY #22-org.springframework.boot:spring-boot:</p> <p>4TH PARTY DEPENDENCY #23-org.springframework:spring-context:</p> <p>4TH PARTY DEPENDENCY #24-org.springframework:spring-aop:</p> <p>4TH PARTY DEPENDENCY #25-org.springframework:spring-beans:</p> <p>4TH PARTY DEPENDENCY #26-org.springframework:spring-expression:</p> <p>4TH PARTY DEPENDENCY #27-org.springframework.boot:spring-boot-autoconfigure:</p> <p>4TH PARTY DEPENDENCY #28-org.springframework.boot:spring-boot-starter-logging:</p> <p>4TH PARTY DEPENDENCY #29-ch.qos.logback:logback-classic:</p> <p>4TH PARTY DEPENDENCY #30-ch.qos.logback:logback-core:</p> <p>4TH PARTY DEPENDENCY #31-org.apache.logging.log4j:log4j-to-slf4j:</p> <p>4TH PARTY DEPENDENCY #32-org.apache.logging.log4j:log4j-api:</p> <p>4TH PARTY DEPENDENCY #33-org.slf4j:jul-to-slf4j:</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>4TH PARTY DEPENDENCY #34-jakarta.annotation:jakarta.annotation-api</p> <p>4TH PARTY DEPENDENCY #35-org.yaml:snakeyaml:</p> <p>4TH PARTY DEPENDENCY #36-net.minidev:json-smart:</p> <p>4TH PARTY DEPENDENCY #37-net.minidev:accessors-smart:</p> <p>4TH PARTY DEPENDENCY #38-org.ow2.asm:asm:</p> <p>4TH PARTY DEPENDENCY #39-org.slf4j:slf4j-api:</p> <p>4TH PARTY DEPENDENCY #40-org.junit.jupiter:junit-jupiter-api:</p> <p>4TH PARTY DEPENDENCY #41-org.opentest4j:opentest4j:</p> <p>4TH PARTY DEPENDENCY #42-org.junit.platform:junit-platform-commons:</p> <p>4TH PARTY DEPENDENCY #43-org.apiguardian:apiguardian-api:</p> <p>4TH PARTY DEPENDENCY #44-org.junit.jupiter:junit-jupiter-params:</p> <p>4TH PARTY DEPENDENCY #45-org.springframework:spring-jcl</p> <p>-----separator-----</p> <p>4TH PARTY DEPENDENCY #04-com.jayway.jsonpath:json-path</p> <p>License Type: Apache 2.0</p> <p>/*</p> <p>* Copyright 2011 Kalle Stenflo</p> <p>* Licensed under the Apache License, Version 2.0 (the "License");</p> <p>* you may not use this file except in compliance with the License.</p> <p>* You may obtain a copy of the License at</p> <p>*</p> <p>* <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>*</p> <p>* Unless required by applicable law or agreed to in writing, software</p> <p>* distributed under the License is distributed on an "AS IS" BASIS,</p> <p>* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.</p> <p>* See the License for the specific language governing permissions and</p> <p>* limitations under the License.</p> <p>*/</p> <p>------(separator)-----</p> <p>4TH PARTY DEPENDENCY #07-org.assertj:assertj-core</p> <p>/*</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>* Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with</p> <p>* the License. You may obtain a copy of the License at</p> <p>* <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>* Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on</p> <p>* an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the</p> <p>* specific language governing permissions and limitations under the License.</p> <p>* Copyright 2012-2022 Joel Costigliola</p> <p>*/</p> <p>------(separator)-----</p> <p>4TH PARTY DEPENDENCY #14-net.bytebuddy:byte-buddy</p> <p>4TH PARTY DEPENDENCY #15-net.bytebuddy:byte-buddy-agent</p> <p>Copyright 2022 Rafael Winterhalter</p> <p>Licensed under the Apache License, Version 2.0 (the "License");</p> <p>you may not use this file except in compliance with the License.</p> <p>You may obtain a copy of the License at</p> <p><a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Unless required by applicable law or agreed to in writing, software</p> <p>distributed under the License is distributed on an "AS IS" BASIS,</p> <p>WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.</p> <p>See the License for the specific language governing permissions and</p> <p>limitations under the License.</p> <p>-----</p> <p>ASM: a very small and fast Java bytecode manipulation framework</p> <p>Copyright (c) 2000-2011 INRIA, France Telecom</p> <p>All rights reserved.</p> <p>See <a href="#">Appendix M</a></p> <p>This product bundles ASM \${version.asm}, which is available under a "3-clause BSD"</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>license. For details, see licenses/ASM. For more information visit \${asm.url}.</p> <p>------(separator)-----</p> <p>4TH PARTY DEPENDENCY #16-org.objenesis:objenesis<br/>Copyright 2006-2022 the original author or authors.<br/>Licensed under the Apache License, Version 2.0 (the "License");<br/>you may not use this file except in compliance with the License.<br/>You may obtain a copy of the License at<br/><a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a><br/>Unless required by applicable law or agreed to in writing, software<br/>distributed under the License is distributed on an "AS IS" BASIS,<br/>WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.<br/>See the License for the specific language governing permissions and<br/>limitations under the License.</p> <p>------(separator)-----</p> <p>4TH PARTY DEPENDENCY #17-org.skyscreamer:jsonassert<br/>Copyright 2022 Carter Page<br/>Licensed under the Apache License, Version 2.0 (the "License");<br/>you may not use this file except in compliance with the License.<br/>You may obtain a copy of the License at<br/><a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a><br/>Unless required by applicable law or agreed to in writing, software<br/>distributed under the License is distributed on an "AS IS" BASIS,<br/>WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.<br/>See the License for the specific language governing permissions and<br/>limitations under the License.</p> <p>------(separator)-----</p> <p>4TH PARTY DEPENDENCY #18-com.vaadin.external.google:android-json<br/>Copyright 2022 Google<br/>Licensed under the Apache License, Version 2.0 (the "License");</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>you may not use this file except in compliance with the License.</p> <p>You may obtain a copy of the License at</p> <p><a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.</p> <p>------(separator)-----</p> <p>4TH PARTY DEPENDENCY #19-org.xmlunit:xmlunit-core</p> <p>Copyright 2022 XMLUnit</p> <p>Licensed under the Apache License, Version 2.0 (the "License");</p> <p>you may not use this file except in compliance with the License.</p> <p>You may obtain a copy of the License at</p> <p><a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.</p> <p>------(separator)-----</p> <p>4TH PARTY DEPENDENCY #05-jakarta.xml.bind:jakarta.xml.bind-api</p> <p>4TH PARTY DEPENDENCY #06-jakarta.activation:jakarta.activation-api</p> <p>== License Type</p> <p>Eclipse Public License v. 2.0</p> <p>- (Secondary) GNU General Public License, version 2 with the GNU Classpath Exception</p> <p>== Copyright Notices</p> <p>Common copyright notice for above dependencies -</p> <p>Copyright (c) 2012, 2018 Oracle and/or its affiliates. All rights reserved.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>This program and the accompanying materials are made available under the terms of the Eclipse Public License v. 2.0, which is available at <a href="http://www.eclipse.org/legal/epl-2.0">http://www.eclipse.org/legal/epl-2.0</a>.</p> <p>This Source Code may also be made available under the following Secondary Licenses when the conditions for such availability set forth in the Eclipse Public License v. 2.0 are satisfied: GNU General Public License, version 2 with the GNU Classpath Exception, which is available at <a href="https://www.gnu.org/software/classpath/license.html">https://www.gnu.org/software/classpath/license.html</a>.</p> <p>SPDX-License-Identifier: EPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0</p> <p>Oracle elects the EPL.</p> <p>----- (separator) -----</p> <p>4TH PARTY DEPENDENCY #09-org.junit.jupiter:junit-jupiter</p> <p>4TH PARTY DEPENDENCY #10-org.junit.jupiter:junit-jupiter-engine</p> <p>4TH PARTY DEPENDENCY #11-org.junit.platform:junit-platform-engine</p> <p>== License Type</p> <p>Eclipse Public License v. 2.0</p> <p>== Copyright Notices</p> <p>Common copyright notice for above dependencies -</p> <p>Copyright (c) 2012, 2018 Oracle and/or its affiliates. All rights reserved.</p> <p>This program and the accompanying materials are made available under the terms of the Eclipse Public License v. 2.0, which is available at <a href="http://www.eclipse.org/legal/epl-2.0">http://www.eclipse.org/legal/epl-2.0</a>.</p> <p>----- (separator) -----</p> <p>4TH PARTY DEPENDENCY #40-org.junit.jupiter:junit-jupiter-api:</p> <p>4TH PARTY DEPENDENCY #42-org.junit.platform:junit-platform-commons:</p> <p>4TH PARTY DEPENDENCY #44-org.junit.jupiter:junit-jupiter-params:</p> <p>== License Type</p> <p>Eclipse Public License v. 2.0</p> <p>== Copyright Notices</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | /*<br>* Copyright 2015-2022 the original author or authors.<br>*<br>* All rights reserved. This program and the accompanying materials are<br>* made available under the terms of the Eclipse Public License v2.0 which<br>* accompanies this distribution and is available at<br>*<br>* <a href="https://www.eclipse.org/legal/epl-v20.html">https://www.eclipse.org/legal/epl-v20.html</a><br>*/<br>------(separator)-----<br>4TH PARTY DEPENDENCY #08-org.hamcrest:hamcrest<br>== License Type<br>BSD License<br>== Copyright Notices<br>Common copyright notice for above dependencies -<br>Copyright (c) 2000-2015 www.hamcrest.org<br>All rights reserved.<br>See <a href="#">Appendix M</a><br>------(separator)-----<br>4TH PARTY DEPENDENCY #12-org.mockito:mockito-core<br>4TH PARTY DEPENDENCY #13-org.mockito:mockito-junit-jupiter<br>== License Type<br>The MIT License<br>== Copyright Notices<br>Common copyright notice for above dependencies -<br>The MIT License<br>Copyright (c) 2007 Mockito contributors<br>See <a href="#">Appendix G</a><br>------(separator)-----<br>4TH PARTY DEPENDENCY #21-org.springframework.boot:spring-boot-starter<br>4TH PARTY DEPENDENCY #22-org.springframework.boot:spring-boot:<br>4TH PARTY DEPENDENCY #27-org.springframework.boot:spring-boot-autoconfigure:<br>4TH PARTY DEPENDENCY #28-org.springframework.boot:spring-boot-starter-logging:<br>4TH PARTY DEPENDENCY #01-org.springframework.boot:spring-boot-test |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>4TH PARTY DEPENDENCY #02-<br/>org.springframework.boot:spring-boot-test-autoconfigure</p> <p>License: Apache License 2.0</p> <p>/*</p> <p>* Copyright 2012-2021 Pivotal Software, Inc.</p> <p>*</p> <p>* Licensed under the Apache License, Version 2.0 (the<br/>"License");</p> <p>* you may not use this file except in compliance with the<br/>License.</p> <p>* You may obtain a copy of the License at</p> <p>*</p> <p>* <a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a></p> <p>*</p> <p>* Unless required by applicable law or agreed to in writing,<br/>software</p> <p>* distributed under the License is distributed on an "AS IS"<br/>BASIS,</p> <p>* WITHOUT WARRANTIES OR CONDITIONS OF ANY<br/>KIND, either express or implied.</p> <p>* See the License for the specific language governing<br/>permissions and</p> <p>* limitations under the License.</p> <p>*/</p> <p>Spring Boot</p> <p>Copyright (c) 2012-2022 Pivotal, Inc.</p> <p>This product is licensed to you under the Apache License,<br/>Version 2.0</p> <p>(the "License"). You may not use this product except in<br/>compliance with</p> <p>the License.</p> <p>-----separator-----</p> <p>4TH PARTY DEPENDENCY #23-<br/>org.springframework:spring-context:</p> <p>4TH PARTY DEPENDENCY #24-<br/>org.springframework:spring-aop:</p> <p>4TH PARTY DEPENDENCY #25-<br/>org.springframework:spring-beans:</p> <p>4TH PARTY DEPENDENCY #26-<br/>org.springframework:spring-expression:</p> <p>4TH PARTY DEPENDENCY #45-<br/>org.springframework:spring-jcl:</p> <p>4TH PARTY DEPENDENCY #03-<br/>org.springframework:spring-test</p> <p>4TH PARTY DEPENDENCY #20-<br/>org.springframework:spring-core</p> <p>License: Apache License 2.0</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>/*<br/>           * Copyright 2002-2021 Juergen Hoeller<br/>           *<br/>           * Licensed under the Apache License, Version 2.0 (the<br/>           "License");<br/>           * you may not use this file except in compliance with the<br/>           License.<br/>           * You may obtain a copy of the License at<br/>           *<br/>           * <a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a><br/>           *<br/>           * Unless required by applicable law or agreed to in writing,<br/>           software<br/>           * distributed under the License is distributed on an "AS IS"<br/>           BASIS,<br/>           * WITHOUT WARRANTIES OR CONDITIONS OF ANY<br/>           KIND, either express or implied.<br/>           * See the License for the specific language governing<br/>           permissions and<br/>           * limitations under the License.<br/>           */</p> <p>Spring Framework<br/>           Copyright (c) 2002-2022 Pivotal, Inc.<br/>           This product is licensed to you under the Apache License,<br/>           Version 2.0<br/>           (the "License"). You may not use this product except in<br/>           compliance with<br/>           the License.</p> <p>This product may include a number of subcomponents with<br/>           separate<br/>           copyright notices and license terms. Your use of the source<br/>           code for<br/>           these subcomponents is subject to the terms and conditions<br/>           of the<br/>           subcomponent's license, as noted in the license.txt file.</p> <p>-----separator-----</p> <p>4TH PARTY DEPENDENCY #29-ch.qos.logback:logback-<br/>           classic:<br/>           4TH PARTY DEPENDENCY #30-ch.qos.logback:logback-<br/>           core:<br/>           logback:logback-core<br/>           Logback: the reliable, generic, fast and flexible logging<br/>           framework.<br/>           Copyright (C) 1999-2015, QOS.ch. All rights reserved.<br/>           This program and the accompanying materials are dual-<br/>           licensed under</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>either the terms of the Eclipse Public License v1.0 as published by the Eclipse Foundation</p> <p>or (per the licensee's choosing)</p> <p>under the terms of the GNU Lesser General Public License version 2.1 as published by the Free Software Foundation.</p> <p>Oracle elects the EPL.</p> <p>-----</p> <p>logback:logback-classic</p> <p>LOGBack: the reliable, fast and flexible logging library for Java.</p> <p>Copyright (C) 1999-2005, QOS.ch, LOGBack.com</p> <p>This library is free software, you can redistribute it and/or modify it under the terms of the GNU Lesser General Public License as published by the Free Software Foundation.</p> <p>-----</p> <p>License:</p> <p>Logback LICENSE</p> <p>-----</p> <p>Logback: the reliable, generic, fast and flexible logging framework.</p> <p>Copyright (C) 1999-2015, QOS.ch. All rights reserved.</p> <p>This program and the accompanying materials are dual-licensed under</p> <p>either the terms of the Eclipse Public License v1.0 as published by the Eclipse Foundation</p> <p>or (per the licensee's choosing)</p> <p>under the terms of the GNU Lesser General Public License version 2.1 as published by the Free Software Foundation.</p> <p>------(separator)-----</p> <p>4TH PARTY DEPENDENCY #31-<br/>org.apache.logging.log4j:log4j-to-slf4j:</p> <p>License: Apache License</p> <p>Apache Log4j</p> <p>Copyright 1999-2019 Apache Software Foundation</p> <p>This product includes software developed at The Apache Software Foundation (<a href="http://www.apache.org/">http://www.apache.org/</a>).</p> <p>ResolverUtil.java</p> <p>Copyright 2005-2006 Tim Fennell</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Dumbster SMTP test server<br/>Copyright 2004 Jason Paul Kitchen</p> <p>TypeUtil.java<br/>Copyright 2002-2012 Ramnivas Laddad, Juergen Hoeller, Chris Beams</p> <p>picocli (<a href="http://picocli.info">http://picocli.info</a>)<br/>Copyright 2017 Remko Popma</p> <p>-----separator-----</p> <p>4TH PARTY DEPENDENCY #32-org.apache.logging.log4j:log4j-api:<br/>License: Apache License, Version 2.0<br/>Copyright:<br/>=====</p> <p>Apache Log4j API<br/>Copyright 1999-2020 The Apache Software Foundation<br/>This product includes software developed at<br/>The Apache Software Foundation (<a href="http://www.apache.org/">http://www.apache.org/</a>).</p> <p>-----separator-----</p> <p>4TH PARTY DEPENDENCY #33-org.slf4j:jul-to-slf4j:<br/>4TH PARTY DEPENDENCY #39-org.slf4j:slf4j-api:<br/>License: MIT License<br/>Copyright (c) 2004-2017 QOS.ch<br/>All rights reserved.<br/>See <a href="#">Appendix G</a></p> <p>-----separator-----</p> <p>4TH PARTY DEPENDENCY #34-jakarta.annotation:jakarta.annotation-api<br/>License: Eclipse Public License Version 2.0 + GPL2 w/ CPE<br/>Copyright:<br/>=====</p> <p>Text of Copyright<br/>Copyright (c) 2012, 2021 Oracle and/or its affiliates. All rights reserved.<br/>This program and the accompanying materials are made available under the terms of the Eclipse Public License v. 2.0, which is available at <a href="http://www.eclipse.org/legal/epl-2.0">http://www.eclipse.org/legal/epl-2.0</a>.<br/>This Source Code may also be made available under the following Secondary</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Licenses when the conditions for such availability set forth in the<br/>Eclipse Public License v. 2.0 are satisfied: GNU General Public License,<br/>version 2 with the GNU Classpath Exception, which is available at<br/><a href="https://www.gnu.org/software/classpath/license.html">https://www.gnu.org/software/classpath/license.html</a>.<br/>SPDX-License-Identifier: EPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0<br/>Oracle elects the EPL.</p> <p>All content is the property of the respective authors or their employers. For<br/>more information regarding authorship of content, please consult the listed<br/>source code repository logs.</p> <p>------(separator)-----</p> <p>4TH PARTY DEPENDENCY #35-org.yaml:snakeyaml:<br/>License: Apache License Version 2.0<br/>Copyright:<br/>=====</p> <p>Copyright (c) 2008, <a href="http://www.snakeyaml.org">http://www.snakeyaml.org</a><br/>Licensed under the Apache License, Version 2.0 (the "License");<br/>you may not use this file except in compliance with the License.<br/>You may obtain a copy of the License at<br/><a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a><br/>Unless required by applicable law or agreed to in writing, software<br/>distributed under the License is distributed on an "AS IS" BASIS,<br/>WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.<br/>See the License for the specific language governing permissions and<br/>limitations under the License.</p> <p>------(separator)-----</p> <p>4TH PARTY DEPENDENCY #36-net.minidev:json-smart:<br/>4TH PARTY DEPENDENCY #37-net.minidev:accessors-smart:<br/>License : Apache License 2.0<br/>/*<br/>* Copyright 2011 JSON-SMART authors<br/>*</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>* Licensed under the Apache License, Version 2.0 (the "License");</p> <p>* you may not use this file except in compliance with the License.</p> <p>* You may obtain a copy of the License at</p> <p>*</p> <p>* <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>*</p> <p>* Unless required by applicable law or agreed to in writing, software</p> <p>* distributed under the License is distributed on an "AS IS" BASIS,</p> <p>* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.</p> <p>* See the License for the specific language governing permissions and</p> <p>* limitations under the License.</p> <p>*/</p> <p>------(separator)-----</p> <p>4TH PARTY DEPENDENCY #38-org.ow2.asm:asm:</p> <p>ASM: a very small and fast Java bytecode manipulation framework</p> <p>Copyright (c) 2000-2011 INRIA, France Telecom</p> <p>All rights reserved.</p> <p>See <a href="#">Appendix M</a></p> <p>------(separator)-----</p> <p>4TH PARTY DEPENDENCY #41-org.opentest4j:opentest4j:</p> <p>/*</p> <p>* Copyright 2015-2018 Stefan Bechtold</p> <p>*</p> <p>* Licensed under the Apache License, Version 2.0 (the "License");</p> <p>* you may not use this file except in compliance with the License.</p> <p>* You may obtain a copy of the License at</p> <p>*</p> <p>* <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>*</p> <p>* Unless required by applicable law or agreed to in writing, software</p> <p>* distributed under the License is distributed on an "AS IS" BASIS,</p> <p>* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.</p> <p>* See the License for the specific language governing permissions and</p> <p>* limitations under the License.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <pre> */ ------(separator)----- 4TH PARTY DEPENDENCY #43- org.apiguardian:apiguardian-api: /* * Copyright 2002-2017 @API Guardian Team * * Licensed under the Apache License, Version 2.0 (the "License"); * you may not use this file except in compliance with the License. * You may obtain a copy of the License at * * http://www.apache.org/licenses/LICENSE-2.0 * * Unless required by applicable law or agreed to in writing, software * distributed under the License is distributed on an "AS IS" BASIS, * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. * See the License for the specific language governing permissions and * limitations under the License. */ ------(separator)-----  == LICENSES == Text of license (license name) APACHE 2.0 - See <a href="#">Appendix E</a> GNU General Public License, Version 2 (GPL-2.0) - See <a href="#">Appendix A</a> == Text of license (license name)  Classpath::License  Classpath is distributed under the terms of the GNU General Public License with the following clarification and special exception.  Linking this library statically or dynamically with other modules is making a combined work based on this library. Thus, the terms and conditions of the GNU General Public License cover the whole combination.  As a special exception, the copyright holders of this library give you permission to link this library with independent modules to produce an executable, regardless of the license terms of these independent modules, and to copy and distribute the resulting executable under terms of your choice, provided that you also meet, for each linked independent module, the terms and conditions of the license </pre> |

Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>of that module. An independent module is a module which is not derived from or based on this library. If you modify this library, you may extend this exception to your version of the library, but you are not obligated to do so. If you do not wish to do so, delete this exception statement from your version.</p> <p>As such, it can be used to run, create and distribute a large class of applications and applets. When GNU Classpath is used unmodified as the core class library for a virtual machine, compiler for the java language, or for a program written in the java programming language it does not affect the licensing for distributing those programs directly.</p> <p>-----</p> <p>logback:logback-core</p> <p>-----</p> <p>Eclipse Public License - v 1.0, see <a href="#">Appendix J</a></p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider              | Component (s)                      | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-----------------------|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Pivotal Software, Inc | spring-boot-starter-undertow 2.7.4 | <p>Top Level Component Copyright:</p> <p>=====</p> <p>Spring Boot</p> <p>Copyright (c) 2012-2022 Pivotal, Inc.</p> <p>This product is licensed to you under the Apache License, Version 2.0</p> <p>(the "License"). You may not use this product except in compliance with</p> <p>the License.</p> <p>=====</p> <p>=====</p> <p>spring-boot-starter-undertow</p> <p>/*</p> <p>* Copyright 2012-2019 Pivotal Software, Inc.</p> <p>*</p> <p>* Licensed under the Apache License, Version 2.0 (the "License");</p> <p>* you may not use this file except in compliance with the License.</p> <p>* You may obtain a copy of the License at</p> <p>*</p> <p>* <a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a></p> <p>*</p> <p>* Unless required by applicable law or agreed to in writing, software</p> <p>* distributed under the License is distributed on an "AS IS" BASIS,</p> <p>* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.</p> <p>* See the License for the specific language governing permissions and</p> <p>* limitations under the License.</p> <p>*/</p> <p>=====</p> <p>=====</p> <p>=====</p> <p>Apache License</p> <p>Version 2.0, January 2004</p> <p><a href="http://www.apache.org/licenses/">http://www.apache.org/licenses/</a></p> <p>TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION</p> <p><a href="#">Appendix E</a></p> <p>END OF TERMS AND CONDITIONS</p> <p>Copyright [yyyy] [name of copyright owner]</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Licensed under the Apache License, Version 2.0 (the "License");<br/>you may not use this file except in compliance with the License.<br/>You may obtain a copy of the License at<br/><a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a><br/>Unless required by applicable law or agreed to in writing, software<br/>distributed under the License is distributed on an "AS IS" BASIS,<br/>WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.<br/>See the License for the specific language governing permissions and<br/>limitations under the License.</p> <p>-----</p> <p>Fourth Party Dependencies:<br/>undertow-core<br/>undertow-servlet<br/>undertow-websockets-jsr<br/>Common License : Apache License 2.0<br/>Copyright:<br/>/*<br/>* JBoss, Home of Professional Open Source.<br/>* Copyright 2014 Red Hat, Inc., and individual contributors<br/>* as indicated by the @author tags.<br/>*<br/>* Licensed under the Apache License, Version 2.0 (the "License");<br/>* you may not use this file except in compliance with the License.<br/>* You may obtain a copy of the License at<br/>*<br/>* <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a><br/>*<br/>* Unless required by applicable law or agreed to in writing, software<br/>* distributed under the License is distributed on an "AS IS" BASIS,<br/>* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.<br/>* See the License for the specific language governing permissions and<br/>* limitations under the License.<br/>*/<br/>-----</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Fourth Party Dependencies:</p> <p>jboss-logging</p> <p>jboss-threads</p> <p>xnio-api</p> <p>Common License : Apache License 2.0</p> <p>Copyright:</p> <p>/*</p> <p>* JBoss, Home of Professional Open Source.</p> <p>* Copyright 2014 Red Hat, Inc., and individual contributors</p> <p>* as indicated by the @author tags.</p> <p>*</p> <p>* Licensed under the Apache License, Version 2.0 (the "License");</p> <p>* you may not use this file except in compliance with the License.</p> <p>* You may obtain a copy of the License at</p> <p>*</p> <p>* <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>*</p> <p>* Unless required by applicable law or agreed to in writing, software</p> <p>* distributed under the License is distributed on an "AS IS" BASIS,</p> <p>* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.</p> <p>* See the License for the specific language governing permissions and</p> <p>* limitations under the License.</p> <p>*/</p> <p>-----</p> <p>-----</p> <p>wildfly-common</p> <p>wildfly-client-config</p> <p>Common License : Apache License 2.0</p> <p>=====</p> <p>=====</p> <p>Copyright: wildfly-common</p> <p>/*</p> <p>* JBoss, Home of Professional Open Source.</p> <p>* Copyright 2017 Red Hat, Inc., and individual contributors</p> <p>* as indicated by the @author tags.</p> <p>*</p> <p>* Licensed under the Apache License, Version 2.0 (the "License");</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>* you may not use this file except in compliance with the License.</p> <p>* You may obtain a copy of the License at</p> <p>*</p> <p>* <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>*</p> <p>* Unless required by applicable law or agreed to in writing, software</p> <p>* distributed under the License is distributed on an "AS IS" BASIS,</p> <p>* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.</p> <p>* See the License for the specific language governing permissions and</p> <p>* limitations under the License.</p> <p>*/</p> <p>=====</p> <p>=====</p> <p>Copyright: wildfly-client-config</p> <p>/*</p> <p>* JBoss, Home of Professional Open Source.</p> <p>* Copyright 2015 Red Hat, Inc., and individual contributors</p> <p>* as indicated by the @author tags.</p> <p>*</p> <p>* Licensed under the Apache License, Version 2.0 (the "License");</p> <p>* you may not use this file except in compliance with the License.</p> <p>* You may obtain a copy of the License at</p> <p>*</p> <p>* <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>*</p> <p>* Unless required by applicable law or agreed to in writing, software</p> <p>* distributed under the License is distributed on an "AS IS" BASIS,</p> <p>* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.</p> <p>* See the License for the specific language governing permissions and</p> <p>* limitations under the License.</p> <p>*/</p> <p>-----</p> <p>-----</p> <p>jakarta.servlet-api</p> <p>jakarta.websocket-api</p> <p>License:</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>EPL 2.0 with GPL2 w/ CPE</p> <p>Copyright:</p> <pre> /*  * Copyright (c) 2017, 2018 Oracle and/or its affiliates and  * others.  * All rights reserved.  *  * This program and the accompanying materials are made  * available under the  * terms of the Eclipse Public License v. 2.0, which is  * available at  * http://www.eclipse.org/legal/epl-2.0.  *  * This Source Code may also be made available under the  * following Secondary  * Licenses when the conditions for such availability set forth  * in the  * Eclipse Public License v. 2.0 are satisfied: GNU General  * Public License,  * version 2 with the GNU Classpath Exception, which is  * available at  * https://www.gnu.org/software/classpath/license.html.  *  * SPDX-License-Identifier: EPL-2.0 OR GPL-2.0 WITH  * Classpath-exception-2.0  */ </pre> <p>Notice:</p> <pre> ----- # Notices for Eclipse Project for Servlet  This content is produced and maintained by the Eclipse Project for Servlet project.  * Project home: https://projects.eclipse.org/projects/ ee4j.servlet  ## Trademarks  Eclipse Project for Servlet is a trademark of the Eclipse Foundation.  ## Copyright  All content is the property of the respective authors or their employers. For more information regarding authorship of content, please consult the listed source code repository logs.  ## Declared Project Licenses </pre> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>This program and the accompanying materials are made available under the terms of the Eclipse Public License v. 2.0 which is available at <a href="http://www.eclipse.org/legal/epl-2.0">http://www.eclipse.org/legal/epl-2.0</a>. This Source Code may also be made available under the following Secondary Licenses when the conditions for such availability set forth in the Eclipse Public License v. 2.0 are satisfied: GNU General Public License, version 2 with the GNU Classpath Exception which is available at <a href="https://www.gnu.org/software/classpath/license.html">https://www.gnu.org/software/classpath/license.html</a>. Portions of this program and the accompanying materials are made available under the terms of the Apache License, version 2.0 which is available at <a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a>.</p> <p>SPDX-License-Identifier: (EPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0) AND Apache-2.0</p> <p>## Source Code</p> <p>The project maintains the following source code repositories:</p> <p>* <a href="https://github.com/eclipse-ee4j/servlet-api">https://github.com/eclipse-ee4j/servlet-api</a></p> <p>## Third-party Content</p> <p>## Cryptography</p> <p>Content may contain encryption software. The country in which you are currently may have restrictions on the import, possession, and use, and/or re-export to another country, of encryption software. BEFORE using any encryption software, please check the country's laws, regulations and policies concerning the import, possession, or use, and re-export of encryption software, to see if this is permitted.</p> <p>-----</p> <p># Notices for Jakarta WebSocket</p> <p>This content is produced and maintained by the Jakarta WebSocket project.</p> <p>* Project home: <a href="https://projects.eclipse.org/projects/ee4j.websocket">https://projects.eclipse.org/projects/ee4j.websocket</a></p> <p>## Trademarks</p> <p>Jakarta WebSocket is a trademark of the Eclipse Foundation.</p> <p>## Copyright</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>All content is the property of the respective authors or their employers. For more information regarding authorship of content, please consult the listed source code repository logs.</p> <p>## Declared Project Licenses</p> <p>This program and the accompanying materials are made available under the terms of the Eclipse Public License v. 2.0 which is available at <a href="http://www.eclipse.org/legal/epl-2.0">http://www.eclipse.org/legal/epl-2.0</a>. This Source Code may also be made available under the following Secondary Licenses when the conditions for such availability set forth in the Eclipse Public License v. 2.0 are satisfied: GNU General Public License, version 2 with the GNU Classpath Exception which is available at <a href="https://www.gnu.org/software/classpath/license.html">https://www.gnu.org/software/classpath/license.html</a>.</p> <p>SPDX-License-Identifier: EPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0</p> <p>## Source Code</p> <p>The project maintains the following source code repositories:</p> <p>* <a href="https://github.com/eclipse-ee4j/websocket-api">https://github.com/eclipse-ee4j/websocket-api</a></p> <p>## Third-party Content</p> <p>This project leverages the following third party content.</p> <p>None</p> <p>## Cryptography</p> <p>Content may contain encryption software. The country in which you are currently may have restrictions on the import, possession, and use, and/or re-export to another country, of encryption software. BEFORE using any encryption software, please check the country's laws, regulations and policies concerning the import, possession, or use, and re-export of encryption software, to see if this is permitted.</p> <p>-----</p> <p>EPL-2.0 with secondary license GPL-2.0 WITH Classpath-exception</p> <p>-----</p> <p>Eclipse Public License - v 2.0 - See <a href="#">Appendix Y</a></p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>-----</p> <p>The GNU General Public License (GPL)</p> <p>Version 2, June 1991</p> <p>Copyright (C) 1989, 1991 Free Software Foundation, Inc.</p> <p>59 Temple Place, Suite 330, Boston, MA 02111-1307 USA</p> <p>Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.</p> <p>See <a href="#">Appendix A</a></p> <p>END OF TERMS AND CONDITIONS</p> <p>How to Apply These Terms to Your New Programs</p> <p>If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.</p> <p>To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.</p> <p>One line to give the program's name and a brief idea of what it does.</p> <p>Copyright (C)</p> <p>This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.</p> <p>This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.</p> <p>You should have received a copy of the GNU General Public License along</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>with this program; if not, write to the Free Software Foundation, Inc., 59 Temple Place, Suite 330, Boston, MA 02111-1307 USA</p> <p>Also add information on how to contact you by electronic and paper mail.</p> <p>If the program is interactive, make it output a short notice like this when it starts in an interactive mode:</p> <p>Gnomovision version 69, Copyright (C) year name of author<br/>Gnomovision comes<br/>with ABSOLUTELY NO WARRANTY; for details type 'show w'. This is free<br/>software, and you are welcome to redistribute it under certain conditions;<br/>type 'show c' for details.</p> <p>The hypothetical commands 'show w' and 'show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than 'show w' and 'show c'; they could even be mouse-clicks or menu items--whatever suits your program.</p> <p>You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:</p> <p>Yoyodyne, Inc., hereby disclaims all copyright interest in the program<br/>'Gnomovision' (which makes passes at compilers) written by James Hacker.</p> <p>signature of Ty Coon, 1 April 1989</p> <p>Ty Coon, President of Vice</p> <p>This General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Library General Public License instead of this License.</p> <p>"CLASSPATH" EXCEPTION TO THE GPL</p> <p>Certain source files distributed by Oracle America and/or its affiliates are</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>subject to the following clarification and special exception to the GPL, but</p> <p>only where Oracle has expressly included in the particular source file's header</p> <p>the words "Oracle designates this particular file as subject to the "Classpath"</p> <p>exception as provided by Oracle in the LICENSE file that accompanied this code."</p> <p>Linking this library statically or dynamically with other modules is making</p> <p>a combined work based on this library. Thus, the terms and conditions of</p> <p>the GNU General Public License cover the whole combination.</p> <p>As a special exception, the copyright holders of this library give you</p> <p>permission to link this library with independent modules to produce an</p> <p>executable, regardless of the license terms of these independent modules,</p> <p>and to copy and distribute the resulting executable under terms of your</p> <p>choice, provided that you also meet, for each linked independent module,</p> <p>the terms and conditions of the license of that module. An independent</p> <p>module is a module which is not derived from or based on this library. If</p> <p>you modify this library, you may extend this exception to your version of</p> <p>the library, but you are not obligated to do so. If you do not wish to do</p> <p>so, delete this exception statement from your version.</p> <p>-----</p> <p>tomcat-embed-el</p> <p>License: Apache License Version 2.0</p> <p>Copyright:</p> <p>Apache Tomcat</p> <p>Copyright 1999-2022 The Apache Software Foundation</p> <p>This product includes software developed at</p> <p>The Apache Software Foundation (<a href="https://www.apache.org/">https://www.apache.org/</a>).</p> <p>This software contains code derived from netty-native developed by the Netty project</p> <p>(<a href="https://netty.io">https://netty.io</a>, <a href="https://github.com/netty/netty-tcnative/">https://github.com/netty/netty-tcnative/</a>)</p> <p>and from finagle-native developed at Twitter</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>(<a href="https://github.com/twitter/finagle">https://github.com/twitter/finagle</a>).</p> <p>This software contains code derived from jgroups-kubernetes developed by the JGroups project (<a href="http://www.jgroups.org/">http://www.jgroups.org/</a>).</p> <p>Java compilation software for JSP pages is provided by the Eclipse</p> <p>JDT Core Batch Compiler component, which is open source software.</p> <p>The original software and related information is available at <a href="https://www.eclipse.org/jdt/core/">https://www.eclipse.org/jdt/core/</a>.</p> <p>org.apache.tomcat.util.json.JSONParser.jj is a public domain javacc grammar for JSON written by Robert Fischer.</p> <p><a href="https://github.com/RobertFischer/json-parser">https://github.com/RobertFischer/json-parser</a></p> <p>For portions of the Tomcat JNI OpenSSL API and the OpenSSL JSSE integration</p> <p>The org.apache.tomcat.jni and the org.apache.tomcat.net.openssl packages are derivative work originating from the Netty project and the finagle-native project developed at Twitter</p> <p>* Copyright 2014 The Netty Project</p> <p>* Copyright 2014 Twitter</p> <p>For portions of the Tomcat cloud support</p> <p>The org.apache.catalina.tribes.membership.cloud package contains derivative work originating from the jgroups project.</p> <p><a href="https://github.com/jgroups-extras/jgroups-kubernetes">https://github.com/jgroups-extras/jgroups-kubernetes</a></p> <p>Copyright 2002-2018 Red Hat Inc.</p> <p>The original XML Schemas for Java EE Deployment Descriptors:</p> <ul style="list-style-type: none"> <li>- javaee_5.xsd</li> <li>- javaee_web_services_1_2.xsd</li> <li>- javaee_web_services_client_1_2.xsd</li> <li>- javaee_6.xsd</li> <li>- javaee_web_services_1_3.xsd</li> <li>- javaee_web_services_client_1_3.xsd</li> <li>- jsp_2_2.xsd</li> <li>- web-app_3_0.xsd</li> <li>- web-common_3_0.xsd</li> <li>- web-fragment_3_0.xsd</li> <li>- javaee_7.xsd</li> <li>- javaee_web_services_1_4.xsd</li> <li>- javaee_web_services_client_1_4.xsd</li> <li>- jsp_2_3.xsd</li> </ul> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>- web-app_3_1.xsd<br/> - web-common_3_1.xsd<br/> - web-fragment_3_1.xsd<br/> - javaee_8.xsd<br/> - web-app_4_0.xsd<br/> - web-common_4_0.xsd<br/> - web-fragment_4_0.xsd</p> <p>maybe obtained from:<br/> <a href="http://www.oracle.com/webfolder/technetwork/jsc/xml/ns/javaee/index.html">http://www.oracle.com/webfolder/technetwork/jsc/xml/ns/javaee/index.html</a></p> <p>-----</p> <p>org.springframework.boot spring-boot<br/> org.springframework.boot spring-boot-starter<br/> License : Apache License Version 2.0<br/> Copyright 2002-2022 Pivotal, Inc.<br/> Licensed under the Apache License, Version 2.0 (the "License");<br/> you may not use this file except in compliance with the License.<br/> You may obtain a copy of the License at<br/> <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a><br/> Unless required by applicable law or agreed to in writing, software<br/> distributed under the License is distributed on an "AS IS" BASIS,<br/> WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND,<br/> either express or implied.<br/> See the License for the specific language governing permissions and<br/> limitations under the License.</p> <p>-----</p> <p>Notice:<br/> -----</p> <p>Spring Boot<br/> Copyright (c) 2012-2022 Pivotal, Inc.<br/> This product is licensed to you under the Apache License, Version 2.0<br/> (the "License"). You may not use this product except in compliance with<br/> the License.</p> <p>-----</p> <p>org.springframework spring-context<br/> org.springframework spring-expression</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>org.springframework spring-aop</p> <p>License : Apache License Version 2.0</p> <p>Copyright 2002-2022 Pivotal, Inc.</p> <p>Licensed under the Apache License, Version 2.0 (the "License");</p> <p>you may not use this file except in compliance with the License.</p> <p>You may obtain a copy of the License at</p> <p><a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Unless required by applicable law or agreed to in writing, software</p> <p>distributed under the License is distributed on an "AS IS" BASIS,</p> <p>WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.</p> <p>See the License for the specific language governing permissions and</p> <p>limitations under the License.</p> <p>-----</p> <p>Notice:</p> <p>-----</p> <p>Spring Framework</p> <p>Copyright (c) 2002-2022 Pivotal, Inc.</p> <p>This product is licensed to you under the Apache License, Version 2.0</p> <p>(the "License"). You may not use this product except in compliance with</p> <p>the License.</p> <p>This product may include a number of subcomponents with separate</p> <p>copyright notices and license terms. Your use of the source code for</p> <p>these subcomponents is subject to the terms and conditions of the</p> <p>subcomponent's license, as noted in the license.txt file.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider              | Component (s)                     | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-----------------------|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Pivotal Software, Inc | spring-boot-starter-webflux 2.7.4 | <p>Top-Level Component Copyright:</p> <p>-----</p> <p>Spring Boot</p> <p>Copyright (c) 2012-2022 Pivotal, Inc.</p> <p>This product is licensed to you under the Apache License, Version 2.0</p> <p>(the "License"). You may not use this product except in compliance with the License.</p> <p>=====</p> <p>=====</p> <p>=====</p> <p>org.springframework.boot:spring-boot-starter-webflux:</p> <p>License: Apache License Version 2.0</p> <p>Copyright 2002-2022 Pivotal, Inc.</p> <p>Licensed under the Apache License, Version 2.0 (the "License");</p> <p>you may not use this file except in compliance with the License.</p> <p>You may obtain a copy of the License at</p> <p><a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS,</p> <p>WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.</p> <p>See the License for the specific language governing permissions and limitations under the License.</p> <p>License text : [0] in License reference.</p> <p>----- NOTICE -----</p> <p>Spring Boot</p> <p>Copyright (c) 2012-2022 Pivotal, Inc.</p> <p>This product is licensed to you under the Apache License, Version 2.0</p> <p>(the "License"). You may not use this product except in compliance with the License.</p> <p>=====</p> <p>=====</p> <p>=====</p> <p>Fourth-Party Dependencies</p> <p>org.springframework.boot spring-boot</p> <p>org.springframework.boot spring-boot-autoconfigure</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>org.springframework.boot spring-boot-starter<br/>org.springframework.boot spring-boot-starter-json<br/>org.springframework.boot spring-boot-starter-logging<br/>org.springframework.boot spring-boot-starter-reactor-netty<br/>org.springframework.boot spring-boot-starter-webflux</p> <p>Common Copyright:<br/>License : Apache License Version 2.0<br/>License text : [0] in License reference.<br/>Copyright 2002-2022 Pivotal, Inc.<br/>Licensed under the Apache License, Version 2.0 (the "License");<br/>you may not use this file except in compliance with the License.<br/>You may obtain a copy of the License at<br/><a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a><br/>Unless required by applicable law or agreed to in writing, software<br/>distributed under the License is distributed on an "AS IS" BASIS,<br/>WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.<br/>See the License for the specific language governing permissions and<br/>limitations under the License.</p> <p>Notices:<br/>-----</p> <p>Spring Boot<br/>Copyright (c) 2012-2022 Pivotal, Inc.<br/>This product is licensed to you under the Apache License, Version 2.0<br/>(the "License"). You may not use this product except in compliance with<br/>the License.</p> <p>-----<br/>=====</p> <p>Fourth-Party Dependencies<br/>org.springframework spring-aop<br/>org.springframework spring-beans<br/>org.springframework spring-context<br/>org.springframework spring-core<br/>org.springframework spring-expression<br/>org.springframework spring-jcl</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>org.springframework spring-web</p> <p>Common Copyright:</p> <p>License : Apache License Version 2.0</p> <p>License text : [0] in License reference.</p> <p>Copyright 2002-2022 Pivotal, Inc.</p> <p>Licensed under the Apache License, Version 2.0 (the "License");</p> <p>you may not use this file except in compliance with the License.</p> <p>You may obtain a copy of the License at</p> <p><a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Unless required by applicable law or agreed to in writing, software</p> <p>distributed under the License is distributed on an "AS IS" BASIS,</p> <p>WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.</p> <p>See the License for the specific language governing permissions and</p> <p>limitations under the License.</p> <p>Notices:</p> <p>-----</p> <p>Spring Framework</p> <p>Copyright (c) 2002-2022 Pivotal, Inc.</p> <p>This product is licensed to you under the Apache License, Version 2.0</p> <p>(the "License"). You may not use this product except in compliance with</p> <p>the License.</p> <p>This product may include a number of subcomponents with separate</p> <p>copyright notices and license terms. Your use of the source code for</p> <p>these subcomponents is subject to the terms and conditions of the</p> <p>subcomponent's license, as noted in the license.txt file.</p> <p>-----</p> <p>=====</p> <p>=====</p> <p>=====</p> <p>Fourth-Party Dependencies</p> <p>org.apache.logging.log4j log4j-api</p> <p>org.apache.logging.log4j log4j-to-slf4j</p> <p>License : Apache License Version 2.0 [0]</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Common Copyright Notice<br/>Copyright 1999-2022 The Apache Software Foundation<br/>Licensed under the Apache License, Version 2.0 (the "License");<br/>you may not use this file except in compliance with the License.<br/>You may obtain a copy of the License at<br/><a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a><br/>Unless required by applicable law or agreed to in writing, software<br/>distributed under the License is distributed on an "AS IS" BASIS,<br/>WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.<br/>See the License for the specific language governing permissions and<br/>limitations under the License.</p> <p>-----</p> <p>Apache Log4j<br/>Copyright 1999-2019 Apache Software Foundation<br/>This product includes software developed at<br/>The Apache Software Foundation (<a href="http://www.apache.org/">http://www.apache.org/</a>).<br/>ResolverUtil.java<br/>Copyright 2005-2006 Tim Fennell<br/>Dumbster SMTP test server<br/>Copyright 2004 Jason Paul Kitchen<br/>TypeUtil.java<br/>Copyright 2002-2012 Ramnivas Laddad, Juergen Hoeller, Chris Beams<br/>picocli (<a href="http://picocli.info">http://picocli.info</a>)<br/>Copyright 2017 Remko Popma<br/>TimeoutBlockingWaitStrategy.java and parts of Util.java<br/>Copyright 2011 LMAX Ltd.</p> <p>=====</p> <p>Fourth-Party Dependencies<br/>ch.qos.logback logback-classic<br/>ch.qos.logback logback-core<br/>License : GNU Lesser General Public License version 2.1, Eclipse Public License v1.0<br/>Logback: the reliable, generic, fast and flexible logging framework.<br/>Copyright (C) 1999-2017, QOS.ch. All rights reserved.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>This program and the accompanying materials are dual-licensed under</p> <p>either the terms of the Eclipse Public License v1.0 as published by the Eclipse Foundation</p> <p>or (per the licensee's choosing)</p> <p>under the terms of the GNU Lesser General Public License version 2.1 as published by the Free Software Foundation.</p> <p>License text : [1], [2] in License reference.</p> <p>Oracle elects the EPL.</p> <p>=====</p> <p>=====</p> <p>=====</p> <p>Fourth-Party Dependencies</p> <p>org.slf4j:slf4j-api</p> <p>Copyright (c) 2004-2017 QOS.ch</p> <p>All rights reserved.</p> <p>License: MIT License</p> <p>See <a href="#">Appendix G</a></p> <p>=====</p> <p>=====</p> <p>=====</p> <p>Fourth-Party Dependencies</p> <p>jul-to-slf4j</p> <p>Copyright (c) 2004-2017 QOS.ch</p> <p>All rights reserved.</p> <p>License: MIT License</p> <p>See <a href="#">Appendix G</a></p> <p>=====</p> <p>=====</p> <p>=====</p> <p>Fourth-Party Dependencies</p> <p>jakarta.annotation:jakarta.annotation-api</p> <p>License: Eclipse Public License Version 2.0 + GPL2 w/ CPE [3]</p> <p>Copyright:</p> <p>Text of Copyright</p> <p>Copyright (c) 2012, 2021 Oracle and/or its affiliates. All rights reserved.</p> <p>This program and the accompanying materials are made available under the</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>terms of the Eclipse Public License v. 2.0, which is available at<br/> <a href="http://www.eclipse.org/legal/epl-2.0">http://www.eclipse.org/legal/epl-2.0</a>.<br/> This Source Code may also be made available under the following Secondary Licenses when the conditions for such availability set forth in the Eclipse Public License v. 2.0 are satisfied: GNU General Public License, version 2 with the GNU Classpath Exception, which is available at<br/> <a href="https://www.gnu.org/software/classpath/license.html">https://www.gnu.org/software/classpath/license.html</a>.<br/> SPDX-License-Identifier: EPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0</p> <p>All content is the property of the respective authors or their employers. For more information regarding authorship of content, please consult the listed source code repository logs.</p> <p>-----</p> <p># Notices for Jakarta Annotations</p> <p>This content is produced and maintained by the Jakarta Annotations project.</p> <p>* Project home: <a href="https://projects.eclipse.org/projects/ee4j.ca">https://projects.eclipse.org/projects/ee4j.ca</a></p> <p>## Trademarks</p> <p>Jakarta Annotations is a trademark of the Eclipse Foundation.</p> <p>## Declared Project Licenses</p> <p>This program and the accompanying materials are made available under the terms of the Eclipse Public License v. 2.0 which is available at <a href="http://www.eclipse.org/legal/epl-2.0">http://www.eclipse.org/legal/epl-2.0</a>. This Source Code may also be made available under the following Secondary Licenses when the conditions for such availability set forth in the Eclipse Public License v. 2.0 are satisfied: GNU General Public License, version 2 with the GNU Classpath Exception which is available at <a href="https://www.gnu.org/software/classpath/license.html">https://www.gnu.org/software/classpath/license.html</a>.<br/> SPDX-License-Identifier: EPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0</p> <p>Oracle elects the EPL -2.0</p> <p>## Source Code</p> <p>The project maintains the following source code repositories:</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>* <a href="https://github.com/eclipse-ee4j/common-annotations-api">https://github.com/eclipse-ee4j/common-annotations-api</a></p> <p>## Third-party Content</p> <p>## Cryptography</p> <p>Content may contain encryption software. The country in which you are currently may have restrictions on the import, possession, and use, and/or re-export to another country, of encryption software. BEFORE using any encryption software, please check the country's laws, regulations and policies concerning the import, possession, or use, and re-export of encryption software, to see if this is permitted.</p> <p>=====</p> <p>=====</p> <p>=====</p> <p>Fourth-Party Dependencies</p> <p>org.yaml snakeyaml</p> <p>License : Apache License Version 2.0</p> <p>License text : [0] in License reference.</p> <p>Copyright (c) 2008, <a href="http://www.snakeyaml.org">http://www.snakeyaml.org</a></p> <p>Licensed under the Apache License, Version 2.0 (the "License");</p> <p>you may not use this file except in compliance with the License.</p> <p>You may obtain a copy of the License at</p> <p><a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS,</p> <p>WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.</p> <p>See the License for the specific language governing permissions and limitations under the License.</p> <p>=====</p> <p>=====</p> <p>=====</p> <p>Fourth-Party Dependencies</p> <p>com.fasterxml.jackson.core jackson-annotations</p> <p>com.fasterxml.jackson.core jackson-core</p> <p>com.fasterxml.jackson.core jackson-databind</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>com.fasterxml.jackson.datatype jackson-datatype-jdk8<br/>com.fasterxml.jackson.datatype jackson-datatype-jsr310<br/>com.fasterxml.jackson.module jackson-module-parameter-names</p> <p>License : Apache License Version 2.0 [0]<br/>Common copyright notice:<br/>Copyright (c) 2019 Tatu Saloranta</p> <p>This product is licensed to you under the Apache License, Version 2.0 (the "License"). You may not use this product except in compliance with the License.</p> <p>This product may include a number of subcomponents with separate copyright notices and license terms. Your use of the source code for these subcomponents is subject to the terms and conditions of the subcomponent's license, as noted in the license.txt file.</p> <p>-----</p> <p>Notice:</p> <p># Jackson JSON processor</p> <p>Jackson is a high-performance, Free/Open Source JSON processing library.</p> <p>It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007.</p> <p>It is currently developed by a community of developers.</p> <p>## Licensing</p> <p>Jackson 2.x core and extension components are licensed under Apache License 2.0</p> <p>To find the details that apply to this artifact see the accompanying LICENSE file.</p> <p>## Credits</p> <p>A list of contributors may be found from CREDITS(-2.x) file, which is included in some artifacts (usually source distributions); but is always available from the source code management (SCM) system project uses.</p> <p>=====</p> <p>=====</p> <p>=====</p> <p>Fourth-Party Dependencies</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>io.netty netty-buffer<br/> io.netty netty-codec<br/> io.netty netty-codec-dns<br/> io.netty netty-codec-http<br/> io.netty netty-codec-http2<br/> io.netty netty-codec-socks<br/> io.netty netty-common<br/> io.netty netty-handler<br/> io.netty netty-handler-proxy<br/> io.netty netty-resolver<br/> io.netty netty-resolver-dns<br/> io.netty netty-resolver-dns-classes-macos<br/> io.netty netty-resolver-dns-native-macos<br/> io.netty netty-transport<br/> io.netty netty-transport-classes-epoll<br/> io.netty netty-transport-native-epoll<br/> io.netty netty-transport-native-unix-common</p> <p>License : Apache License Version 2.0<br/> License text : [0] in License reference.<br/> Copyright 2011 The Netty Project</p> <p>The Netty Project licenses this file to you under the Apache License,<br/> version 2.0 (the "License"); you may not use this file except<br/> in compliance<br/> with the License. You may obtain a copy of the License at:<br/> <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Unless required by applicable law or agreed to in writing,<br/> software<br/> distributed under the License is distributed on an "AS IS"<br/> BASIS, WITHOUT<br/> WARRANTIES OR CONDITIONS OF ANY KIND, either<br/> express or implied. See the<br/> License for the specific language governing permissions and<br/> limitations<br/> under the License.</p> <p>Also, please refer to each LICENSE..txt file, which is located<br/> in<br/> the 'license' directory of the distribution file, for the license<br/> terms of the<br/> components that this product depends on.</p> <p>-----</p> <p>Notice:</p> <p>The Netty Project<br/> =====</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Please visit the Netty web site for more information:<br/> * <a href="https://netty.io/">https://netty.io/</a><br/> Copyright 2014 The Netty Project<br/> The Netty Project licenses this file to you under the Apache License,<br/> version 2.0 (the "License"); you may not use this file except<br/> in compliance<br/> with the License. You may obtain a copy of the License at:<br/> <a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a><br/> Unless required by applicable law or agreed to in writing,<br/> software<br/> distributed under the License is distributed on an "AS IS"<br/> BASIS, WITHOUT<br/> WARRANTIES OR CONDITIONS OF ANY KIND, either<br/> express or implied. See the<br/> License for the specific language governing permissions and<br/> limitations<br/> under the License.</p> <p>Also, please refer to each LICENSE..txt file, which is located<br/> in<br/> the 'license' directory of the distribution file, for the license<br/> terms of the<br/> components that this product depends on.</p> <p>-----</p> <p>This product contains the extensions to Java Collections<br/> Framework which has<br/> been derived from the works by JSR-166 EG, Doug Lea, and<br/> Jason T. Greene:</p> <p>* LICENSE:<br/> * <a href="#">license/LICENSE.jsr166y.txt</a> (Public Domain)<br/> The person or persons who have associated work with this<br/> document (the<br/> "Dedicator" or "Certifier") hereby either (a) certifies that, to<br/> the best of<br/> his knowledge, the work of authorship identified is in the<br/> public domain of<br/> the country from which the work is published, or (b) hereby<br/> dedicates whatever<br/> copyright the dedicators holds in the work of authorship<br/> identified below (the<br/> "Work") to the public domain. A certifier, moreover, dedicates<br/> any copyright<br/> interest he may have in the associated work, and for these<br/> purposes, is<br/> described as a "dedicator" below.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>A certifier has taken reasonable steps to verify the copyright status of this work. Certifier recognizes that his good faith efforts may not shield him from liability if in fact the work certified is not in the public domain. Dedicator makes this dedication for the benefit of the public at large and to the detriment of the Dedicator's heirs and successors. Dedicator intends this dedication to be an overt act of relinquishment in perpetuity of all present and future rights under copyright law, whether vested or contingent, in the Work. Dedicator understands that such relinquishment of all rights includes the relinquishment of all rights to enforce (by lawsuit or otherwise) those copyrights in the Work. Dedicator recognizes that, once placed in the public domain, the Work may be freely reproduced, distributed, transmitted, used, modified, built upon, or otherwise exploited by anyone for any purpose, commercial or non-commercial, and in any way, including by methods that have not yet been invented or conceived.</p> <p>* HOMEPAGE:<br/> * <a href="http://gee.cs.oswego.edu/cgi-bin/viewcvs.cgi/jsr166/">http://gee.cs.oswego.edu/cgi-bin/viewcvs.cgi/jsr166/</a><br/> * <a href="http://viewvc.jboss.org/cgi-bin/viewvc.cgi/jboss-cache/experimental/jsr166/">http://viewvc.jboss.org/cgi-bin/viewvc.cgi/jboss-cache/experimental/jsr166/</a></p> <p>-----</p> <p>--</p> <p>This product contains a modified version of Robert Harder's Public Domain Base64 Encoder and Decoder, which can be obtained at:</p> <p>* LICENSE:<br/> * <a href="#">license/LICENSE.base64.txt</a> (Public Domain)</p> <p>The person or persons who have associated work with this document (the "Dedicator" or "Certifier") hereby either (a) certifies that, to the best of his knowledge, the work of authorship identified is in the public domain of the country from which the work is published, or (b) hereby dedicates whatever copyright the dedicators holds in the work of authorship identified below (the</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>"Work") to the public domain. A certifier, moreover, dedicates any copyright interest he may have in the associated work, and for these purposes, is described as a "dedicator" below.</p> <p>A certifier has taken reasonable steps to verify the copyright status of this work. Certifier recognizes that his good faith efforts may not shield him from liability if in fact the work certified is not in the public domain.</p> <p>Dedicator makes this dedication for the benefit of the public at large and to the detriment of the Dedicator's heirs and successors. Dedicator intends this dedication to be an overt act of relinquishment in perpetuity of all present and future rights under copyright law, whether vested or contingent, in the Work. Dedicator understands that such relinquishment of all rights includes the relinquishment of all rights to enforce (by lawsuit or otherwise) those copyrights in the Work.</p> <p>Dedicator recognizes that, once placed in the public domain, the Work may be freely reproduced, distributed, transmitted, used, modified, built upon, or otherwise exploited by anyone for any purpose, commercial or non-commercial, and in any way, including by methods that have not yet been invented or conceived.</p> <p>* HOMEPAGE:<br/> * <a href="http://iharder.sourceforge.net/current/java/base64/">http://iharder.sourceforge.net/current/java/base64/</a></p> <p>-----<br/> ----</p> <p>This product contains a modified portion of 'Webbit', an event based WebSocket and HTTP server, which can be obtained at:</p> <p>* LICENSE:<br/> * <a href="#">license/LICENSE.webbit.txt</a> (BSD License)<br/> (BSD License: <a href="https://www.opensource.org/licenses/bsd-license">https://www.opensource.org/licenses/bsd-license</a>)</p> <p>Copyright (c) 2011, Joe Walnes, Aslak Hellesøy and contributors<br/> All rights reserved.</p> <p>Redistribution and use in source and binary forms, with or</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>without modification, are permitted provided that the following conditions are met:</p> <ul style="list-style-type: none"> <li>* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.</li> <li>* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.</li> <li>* Neither the name of the Webbit nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.</li> </ul> <p>THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>* HOMEPAGE:<br/>* <a href="https://github.com/joewalnes/webbit">https://github.com/joewalnes/webbit</a></p> <hr/> <p>This product contains a modified portion of 'SLF4J', a simple logging facade for Java, which can be obtained at:</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>* LICENSE:<br/>           * license/LICENSE.slf4j.txt (MIT License)<br/>           /*<br/>           * Copyright (c) 2004-2007 QOS.ch<br/>           * All rights reserved.<br/>           *<br/>           See <a href="#">Appendix G</a><br/>           */<br/>           * HOMEPAGE:<br/>           * <a href="https://www.slf4j.org/">https://www.slf4j.org/</a></p> <p>-----</p> <p>This product contains a modified portion of 'Apache Harmony', an open source Java SE, which can be obtained at:<br/>           * NOTICE:<br/>           * license/NOTICE.harmony.txt<br/>           Apache Harmony<br/>           Copyright 2006, 2010 The Apache Software Foundation.<br/>           This product includes software developed at<br/>           The Apache Software Foundation (<a href="https://www.apache.org/">https://www.apache.org/</a>).<br/>           * LICENSE:<br/>           * license/LICENSE.harmony.txt (Apache License 2.0)<br/>           * HOMEPAGE:<br/>           * <a href="https://archive.apache.org/dist/harmony/">https://archive.apache.org/dist/harmony/</a></p> <p>-----</p> <p>This product contains a modified portion of 'jzip2', a Java bzip2 compression and decompression library written by Matthew J. Francis. It can be obtained at:<br/>           * LICENSE:<br/>           * license/LICENSE.jzip2.txt (MIT License)<br/>           Copyright (c) 2010-2011 Matthew J. Francis and Contributors of the jzip2 Project<br/>           See <a href="#">Appendix G</a><br/>           * HOMEPAGE:<br/>           * <a href="https://code.google.com/p/jzip2/">https://code.google.com/p/jzip2/</a></p> <p>-----</p> <p>This product contains a modified portion of 'libdivsufsort', a C API library to construct the suffix array and the Burrows-Wheeler transformed string for any input string of</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>a constant-size alphabet written by Yuta Mori. It can be obtained at:</p> <p>* LICENSE:<br/>* license/LICENSE.libdivsufsort.txt (MIT License)<br/>Copyright (c) 2003-2008 Yuta Mori All Rights Reserved.<br/>See <a href="#">Appendix G</a><br/>* HOMEPAGE:<br/>* <a href="https://github.com/y-256/libdivsufsort">https://github.com/y-256/libdivsufsort</a></p> <p>-----</p> <p>This product contains a modified portion of Nitsan Wakart's 'JCTools', Java Concurrency Tools for the JVM, which can be obtained at:</p> <p>* LICENSE:<br/>* license/LICENSE.jctools.txt (ASL2 License)<br/>* HOMEPAGE:<br/>* <a href="https://github.com/JCTools/JCTools">https://github.com/JCTools/JCTools</a></p> <p>-----</p> <p>This product optionally depends on 'JZlib', a re-implementation of zlib in pure Java, which can be obtained at:</p> <p>* LICENSE:<br/>* license/LICENSE.jzlib.txt (BSD style License)<br/>Copyright (c) 2000,2001,2002,2003,2004 ymnk, JCraft,Inc. All rights reserved.<br/>See <a href="#">Appendix M</a><br/>* HOMEPAGE:<br/>* <a href="http://www.jcraft.com/jzlib/">http://www.jcraft.com/jzlib/</a></p> <p>-----</p> <p>This product optionally depends on 'Compress-LZF', a Java library for encoding and decoding data in LZF format, written by Tatu Saloranta. It can be obtained at:</p> <p>* LICENSE:<br/>* license/LICENSE.compress-lzf.txt (Apache License 2.0)<br/>Copyright 2009-2010 Ning, Inc.<br/>Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at <a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a></p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.</p> <p>* HOMEPAGE:<br/>* <a href="https://github.com/ning/compress">https://github.com/ning/compress</a></p> <p>-----</p> <p>-</p> <p>This product optionally depends on 'lz4', a LZ4 Java compression and decompression library written by Adrien Grand. It can be obtained at:</p> <p>* LICENSE:<br/>* <a href="#">license/LICENSE.lz4.txt</a> (Apache License 2.0)<br/>* HOMEPAGE:<br/>* <a href="https://github.com/jpountz/lz4-java">https://github.com/jpountz/lz4-java</a></p> <p>-----</p> <p>----</p> <p>This product optionally depends on 'lzma-java', a LZMA Java compression and decompression library, which can be obtained at:</p> <p>* LICENSE:<br/>* <a href="#">license/LICENSE.lzma-java.txt</a> (Apache License 2.0)<br/>* HOMEPAGE:<br/>* <a href="https://github.com/jponge/lzma-java">https://github.com/jponge/lzma-java</a></p> <p>-----</p> <p>-----</p> <p>This product optionally depends on 'zstd-jni', a zstd-jni Java compression and decompression library, which can be obtained at:</p> <p>* LICENSE:<br/>* <a href="#">license/LICENSE.zstd-jni.txt</a> (Apache License 2.0)<br/>* HOMEPAGE:<br/>* <a href="https://github.com/luben/zstd-jni">https://github.com/luben/zstd-jni</a></p> <p>-----</p> <p>-----</p> <p>This product contains a modified portion of 'jfastlz', a Java port of FastLZ compression and decompression library written by William Kinney. It can be obtained at:</p> <p>* LICENSE:</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>* license/LICENSE.jfastlz.txt (MIT License)<br/>The MIT License<br/>Copyright (c) 2009 William Kinney<br/>See <a href="#">Appendix G</a><br/>* HOMEPAGE:<br/>* <a href="https://code.google.com/p/jfastlz/">https://code.google.com/p/jfastlz/</a></p> <p>-----</p> <p>This product contains a modified portion of and optionally depends on 'Protocol Buffers', Google's data interchange format, which can be obtained at:<br/>* LICENSE:<br/>* license/LICENSE.protobuf.txt (New BSD License)<br/>Protocol Buffers - Google's data interchange format<br/>Copyright 2013 Google Inc. All rights reserved.<br/><a href="https://developers.google.com/protocol-buffers/">https://developers.google.com/protocol-buffers/</a><br/>See <a href="#">Appendix M</a><br/>Code generated by the Protocol Buffer compiler is owned by the owner<br/>of the input file used when generating it. This code is not standalone and requires a support library to be linked with it. This<br/>support library is itself covered by the above license.<br/>* HOMEPAGE:<br/>* <a href="https://github.com/google/protobuf">https://github.com/google/protobuf</a></p> <p>-----</p> <p>This product optionally depends on 'Bouncy Castle Crypto APIs' to generate<br/>a temporary self-signed X.509 certificate when the JVM does not provide the<br/>equivalent functionality. It can be obtained at:<br/>* LICENSE:<br/>* license/LICENSE.bouncycastle.txt (MIT License)<br/>The MIT License (MIT)<br/>Copyright (c) 2000 - 2013 The Legion of the Bouncy Castle Inc.<br/>(<a href="https://www.bouncycastle.org">https://www.bouncycastle.org</a>)<br/>See <a href="#">Appendix G</a><br/>* HOMEPAGE:<br/>* <a href="https://www.bouncycastle.org/">https://www.bouncycastle.org/</a></p> <p>-----</p> <p>This product optionally depends on 'Snappy', a compression library produced</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>by Google Inc, which can be obtained at:</p> <p>* LICENSE:<br/>* license/LICENSE.snappy.txt (New BSD License)<br/>Copyright 2011, Google Inc.<br/>All rights reserved.<br/>See <a href="#">Appendix M</a></p> <p>* HOMEPAGE:<br/>* <a href="https://github.com/google/snappy">https://github.com/google/snappy</a></p> <p>-----</p> <p>This product optionally depends on 'JBoss Marshalling', an alternative Java serialization API, which can be obtained at:</p> <p>* LICENSE:<br/>* license/LICENSE.jboss-marshalling.txt (Apache License 2.0)<br/>* HOMEPAGE:<br/>* <a href="https://github.com/jboss-remoting/jboss-marshalling">https://github.com/jboss-remoting/jboss-marshalling</a></p> <p>-----</p> <p>This product optionally depends on 'Caliper', Google's micro-benchmarking framework, which can be obtained at:</p> <p>* LICENSE:<br/>* license/LICENSE.caliper.txt (Apache License 2.0)<br/>* HOMEPAGE:<br/>* <a href="https://github.com/google/caliper">https://github.com/google/caliper</a></p> <p>-----</p> <p>This product optionally depends on 'Apache Commons Logging', a logging framework, which can be obtained at:</p> <p>* LICENSE:<br/>* license/LICENSE.commons-logging.txt (Apache License 2.0)<br/>* HOMEPAGE:<br/>* <a href="https://commons.apache.org/logging/">https://commons.apache.org/logging/</a></p> <p>-----</p> <p>This product optionally depends on 'Apache Log4J', a logging framework, which can be obtained at:</p> <p>* LICENSE:<br/>* license/LICENSE.log4j.txt (Apache License 2.0)<br/>* HOMEPAGE:<br/>* <a href="https://logging.apache.org/log4j/">https://logging.apache.org/log4j/</a></p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>-----</p> <p>This product optionally depends on 'Aalto XML', an ultra-high performance non-blocking XML processor, which can be obtained at:</p> <p>* LICENSE:</p> <p>* license/LICENSE.aalto-xml.txt (Apache License 2.0)</p> <p>This copy of Aalto XML processor is licensed under the Apache (Software) License, version 2.0 ("the License"). See the License for details about distribution rights, and the specific rights regarding derivate works.</p> <p>You may obtain a copy of the License at:</p> <p><a href="https://www.apache.org/licenses/">https://www.apache.org/licenses/</a></p> <p>A copy is also included with both the the downloadable source code package and jar that contains class bytecodes, as file "ASL 2.0". In both cases,</p> <p>that file should be located next to this file: in source distribution</p> <p>the location should be "release-notes/asl"; and in jar "META-INF/"</p> <p>* HOMEPAGE:</p> <p>* <a href="http://wiki.fasterxml.com/AaltoHome">http://wiki.fasterxml.com/AaltoHome</a></p> <p>-----</p> <p>This product contains a modified version of 'HPACK', a Java implementation of the HTTP/2 HPACK algorithm written by Twitter. It can be obtained at:</p> <p>* LICENSE:</p> <p>* license/LICENSE.hpack.txt (Apache License 2.0)</p> <p>* HOMEPAGE:</p> <p>* <a href="https://github.com/twitter/hpack">https://github.com/twitter/hpack</a></p> <p>-----</p> <p>This product contains a modified version of 'HPACK', a Java implementation of the HTTP/2 HPACK algorithm written by Cory Benfield. It can be obtained at:</p> <p>* LICENSE:</p> <p>* license/LICENSE.hyper-hpack.txt (MIT License)</p> <p>The MIT License (MIT)</p> <p>Copyright (c) 2014 Cory Benfield</p> <p>See <a href="#">Appendix G</a></p> <p>* HOMEPAGE:</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>* <a href="https://github.com/python-hyper/hpack/">https://github.com/python-hyper/hpack/</a></p> <p>-----</p> <p>This product contains a modified version of 'HPACK', a Java implementation of the HTTP/2 HPACK algorithm written by Tatsuhiro Tsujikawa. It can be obtained at:</p> <p>* LICENSE:<br/>           * <a href="#">license/LICENSE.nghttp2-hpack.txt</a> (MIT License)<br/>           The MIT License<br/>           Copyright (c) 2012, 2014, 2015, 2016 Tatsuhiro Tsujikawa<br/>           Copyright (c) 2012, 2014, 2015, 2016 nghttp2 contributors<br/>           See <a href="#">Appendix G</a><br/>           * HOMEPAGE:<br/>           * <a href="https://github.com/nghttp2/nghttp2/">https://github.com/nghttp2/nghttp2/</a></p> <p>-----</p> <p>This product contains a modified portion of 'Apache Commons Lang', a Java library provides utilities for the java.lang API, which can be obtained at:</p> <p>* LICENSE:<br/>           * <a href="#">license/LICENSE.commons-lang.txt</a> (Apache License 2.0)<br/>           * HOMEPAGE:<br/>           * <a href="https://commons.apache.org/proper/commons-lang/">https://commons.apache.org/proper/commons-lang/</a></p> <p>-----</p> <p>This product contains the Maven wrapper scripts from 'Maven Wrapper', that provides an easy way to ensure a user has everything necessary to run the Maven build.</p> <p>* LICENSE:<br/>           * <a href="#">license/LICENSE.mvn-wrapper.txt</a> (Apache License 2.0)<br/>           * HOMEPAGE:<br/>           * <a href="https://github.com/takari/maven-wrapper">https://github.com/takari/maven-wrapper</a></p> <p>-----</p> <p>This product contains the dnsinfo.h header file, that provides a way to retrieve the system DNS configuration on MacOS. This private header is also used by Apple's open source mDNSResponder (<a href="https://opensource.apple.com/tarballs/mDNSResponder/">https://opensource.apple.com/tarballs/mDNSResponder/</a>).</p> <p>* LICENSE:<br/>           * <a href="#">license/LICENSE.dnsinfo.txt</a> (Apple Public Source License 2.0)<br/>           /*</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>* Copyright (c) 2004-2006, 2008, 2009, 2011 Apple Inc. All rights reserved.</p> <p>*</p> <p>* @APPLE_LICENSE_HEADER_START@</p> <p>*</p> <p>* This file contains Original Code and/or Modifications of Original Code</p> <p>* as defined in and that are subject to the Apple Public Source License</p> <p>* Version 2.0 (the 'License'). You may not use this file except in</p> <p>* compliance with the License. Please obtain a copy of the License at</p> <p>* <a href="https://www.opensource.apple.com/apsl/">https://www.opensource.apple.com/apsl/</a> and read it before using this</p> <p>* file.</p> <p>*</p> <p>* The Original Code and all software distributed under the License are</p> <p>* distributed on an 'AS IS' basis, WITHOUT WARRANTY OF ANY KIND, EITHER</p> <p>* EXPRESS OR IMPLIED, AND APPLE HEREBY DISCLAIMS ALL SUCH WARRANTIES,</p> <p>* INCLUDING WITHOUT LIMITATION, ANY WARRANTIES OF MERCHANTABILITY,</p> <p>* FITNESS FOR A PARTICULAR PURPOSE, QUIET ENJOYMENT OR NON-INFRINGEMENT.</p> <p>* Please see the License for the specific language governing rights and</p> <p>* limitations under the License.</p> <p>*</p> <p>* @APPLE_LICENSE_HEADER_END@</p> <p>*/</p> <p>* HOMEPAGE:</p> <p>* <a href="https://www.opensource.apple.com/source/configd/configd-453.19/dnsinfo/dnsinfo.h">https://www.opensource.apple.com/source/configd/configd-453.19/dnsinfo/dnsinfo.h</a></p> <p>-----</p> <p>-----</p> <p>This product optionally depends on 'Brotli4j', Brotli compression and decompression for Java., which can be obtained at:</p> <p>* LICENSE:</p> <p>* <a href="#">license/LICENSE.brotli4j.txt</a> (Apache License 2.0)</p> <p>* HOMEPAGE:</p> <p>* <a href="https://github.com/hyperxpro/Brotli4j">https://github.com/hyperxpro/Brotli4j</a></p> <p>-----</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>=====</p> <p>=====</p> <p>=====</p> <p>Fourth-Party Dependencies</p> <p>io.projectreactor reactor-core</p> <p>io.projectreactor.netty reactor-netty-core</p> <p>io.projectreactor.netty reactor-netty-http</p> <p>License : Apache License Version 2.0</p> <p>Copyright © 2020 VMware, Inc.</p> <p>Licensed under the Apache License, Version 2.0 (the "License");</p> <p>you may not use this file except in compliance with the License.</p> <p>You may obtain a copy of the License at</p> <p><a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Unless required by applicable law or agreed to in writing, software</p> <p>distributed under the License is distributed on an "AS IS" BASIS,</p> <p>WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.</p> <p>See the License for the specific language governing permissions and</p> <p>limitations under the License.</p> <p>License text : [0] in License reference.</p> <p>=====</p> <p>=====</p> <p>=====</p> <p>Fourth-Party Dependencies</p> <p>org.reactivestreams reactive-streams</p> <p>License: MIT No Attribution</p> <p>Copyright 2014 Reactive Streams</p> <p>See <a href="#">Appendix G</a></p> <p>=====</p> <p>=====</p> <p>=====</p> <p>License References are mentioned below.</p> <p>Apache License, Version 2.0 See <a href="#">Appendix E</a></p> <p>GNU LESSER GENERAL PUBLIC LICENSE Version 2.1, see <a href="#">Appendix T</a></p> <p>Eclipse Public License - v 1.0 See <a href="#">Appendix J</a></p> <p>Eclipse Public License - v 2.0 - See <a href="#">Appendix Y</a></p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider              | Component (s)                 | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-----------------------|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Pivotal Software, Inc | spring-boot-starter-web 2.7.4 | <p>Top-Level Component Copyright:</p> <p>-----</p> <p>Spring Boot</p> <p>Copyright (c) 2012-2022 Pivotal, Inc.</p> <p>This product is licensed to you under the Apache License, Version 2.0</p> <p>(the "License"). You may not use this product except in compliance with the License.</p> <p>=====</p> <p>=====</p> <p>=====</p> <p>org.springframework.boot:spring-boot-starter-webflux:</p> <p>License: Apache License Version 2.0</p> <p>Copyright 2002-2022 Pivotal, Inc.</p> <p>Licensed under the Apache License, Version 2.0 (the "License");</p> <p>you may not use this file except in compliance with the License.</p> <p>You may obtain a copy of the License at</p> <p><a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS,</p> <p>WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.</p> <p>See the License for the specific language governing permissions and limitations under the License.</p> <p>License text : [0] in License reference.</p> <p>----- NOTICE -----</p> <p>Spring Boot</p> <p>Copyright (c) 2012-2022 Pivotal, Inc.</p> <p>This product is licensed to you under the Apache License, Version 2.0</p> <p>(the "License"). You may not use this product except in compliance with the License.</p> <p>=====</p> <p>=====</p> <p>=====</p> <p>Fourth-Party Dependencies</p> <p>org.springframework.boot spring-boot</p> <p>org.springframework.boot spring-boot-autoconfigure</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>org.springframework.boot spring-boot-starter<br/>org.springframework.boot spring-boot-starter-json<br/>org.springframework.boot spring-boot-starter-logging<br/>org.springframework.boot spring-boot-starter-reactor-netty<br/>org.springframework.boot spring-boot-starter-webflux</p> <p>Common Copyright:<br/>License : Apache License Version 2.0<br/>License text : [0] in License reference.<br/>Copyright 2002-2022 Pivotal, Inc.<br/>Licensed under the Apache License, Version 2.0 (the "License");<br/>you may not use this file except in compliance with the License.<br/>You may obtain a copy of the License at<br/><a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a><br/>Unless required by applicable law or agreed to in writing, software<br/>distributed under the License is distributed on an "AS IS" BASIS,<br/>WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.<br/>See the License for the specific language governing permissions and<br/>limitations under the License.</p> <p>Notices:<br/>-----</p> <p>Spring Boot<br/>Copyright (c) 2012-2022 Pivotal, Inc.<br/>This product is licensed to you under the Apache License, Version 2.0<br/>(the "License"). You may not use this product except in compliance with<br/>the License.</p> <p>-----<br/>=====</p> <p>Fourth-Party Dependencies<br/>org.springframework spring-aop<br/>org.springframework spring-beans<br/>org.springframework spring-context<br/>org.springframework spring-core<br/>org.springframework spring-expression<br/>org.springframework spring-jcl</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>org.springframework spring-web</p> <p>Common Copyright:</p> <p>License : Apache License Version 2.0</p> <p>License text : [0] in License reference.</p> <p>Copyright 2002-2022 Pivotal, Inc.</p> <p>Licensed under the Apache License, Version 2.0 (the "License");</p> <p>you may not use this file except in compliance with the License.</p> <p>You may obtain a copy of the License at</p> <p><a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Unless required by applicable law or agreed to in writing, software</p> <p>distributed under the License is distributed on an "AS IS" BASIS,</p> <p>WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.</p> <p>See the License for the specific language governing permissions and</p> <p>limitations under the License.</p> <p>Notices:</p> <p>-----</p> <p>Spring Framework</p> <p>Copyright (c) 2002-2022 Pivotal, Inc.</p> <p>This product is licensed to you under the Apache License, Version 2.0</p> <p>(the "License"). You may not use this product except in compliance with</p> <p>the License.</p> <p>This product may include a number of subcomponents with separate</p> <p>copyright notices and license terms. Your use of the source code for</p> <p>these subcomponents is subject to the terms and conditions of the</p> <p>subcomponent's license, as noted in the license.txt file.</p> <p>-----</p> <p>=====</p> <p>=====</p> <p>=====</p> <p>Fourth-Party Dependencies</p> <p>org.apache.logging.log4j log4j-api</p> <p>org.apache.logging.log4j log4j-to-slf4j</p> <p>License : Apache License Version 2.0 [0]</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Common Copyright Notice<br/>Copyright 1999-2022 The Apache Software Foundation<br/>Licensed under the Apache License, Version 2.0 (the "License");<br/>you may not use this file except in compliance with the License.<br/>You may obtain a copy of the License at<br/><a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a><br/>Unless required by applicable law or agreed to in writing, software<br/>distributed under the License is distributed on an "AS IS" BASIS,<br/>WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.<br/>See the License for the specific language governing permissions and<br/>limitations under the License.</p> <p>-----</p> <p>Apache Log4j<br/>Copyright 1999-2019 Apache Software Foundation<br/>This product includes software developed at<br/>The Apache Software Foundation (<a href="http://www.apache.org/">http://www.apache.org/</a>).<br/>ResolverUtil.java<br/>Copyright 2005-2006 Tim Fennell<br/>Dumbster SMTP test server<br/>Copyright 2004 Jason Paul Kitchen<br/>TypeUtil.java<br/>Copyright 2002-2012 Ramnivas Laddad, Juergen Hoeller, Chris Beams<br/>picocli (<a href="http://picocli.info">http://picocli.info</a>)<br/>Copyright 2017 Remko Popma<br/>TimeoutBlockingWaitStrategy.java and parts of Util.java<br/>Copyright 2011 LMAX Ltd.</p> <p>=====</p> <p>Fourth-Party Dependencies<br/>ch.qos.logback logback-classic<br/>ch.qos.logback logback-core<br/>License : GNU Lesser General Public License version 2.1, Eclipse Public License v1.0<br/>Logback: the reliable, generic, fast and flexible logging framework.<br/>Copyright (C) 1999-2017, QOS.ch. All rights reserved.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>This program and the accompanying materials are dual-licensed under</p> <p>either the terms of the Eclipse Public License v1.0 as published by the Eclipse Foundation</p> <p>or (per the licensee's choosing)</p> <p>under the terms of the GNU Lesser General Public License version 2.1 as published by the Free Software Foundation.</p> <p>License text : [1], [2] in License reference.</p> <p>Oracle elects EPL.</p> <p>=====</p> <p>=====</p> <p>=====</p> <p>Fourth-Party Dependencies</p> <p>org.slf4j:slf4j-api</p> <p>Copyright (c) 2004-2017 QOS.ch</p> <p>All rights reserved.</p> <p>License: MIT License</p> <p>See <a href="#">Appendix G</a></p> <p>=====</p> <p>=====</p> <p>Fourth-Party Dependencies</p> <p>jul-to-slf4j</p> <p>Copyright (c) 2004-2017 QOS.ch</p> <p>All rights reserved.</p> <p>License: MIT License</p> <p>See <a href="#">Appendix G</a></p> <p>=====</p> <p>=====</p> <p>=====</p> <p>Fourth-Party Dependencies</p> <p>jakarta.annotation:jakarta.annotation-api</p> <p>License: Eclipse Public License Version 2.0 + GPL2 w/ CPE [3]</p> <p>Copyright:</p> <p>Text of Copyright</p> <p>Copyright (c) 2012, 2021 Oracle and/or its affiliates. All rights reserved.</p> <p>This program and the accompanying materials are made available under the</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>terms of the Eclipse Public License v. 2.0, which is available at<br/> <a href="http://www.eclipse.org/legal/epl-2.0">http://www.eclipse.org/legal/epl-2.0</a>.<br/> This Source Code may also be made available under the following Secondary Licenses when the conditions for such availability set forth in the Eclipse Public License v. 2.0 are satisfied: GNU General Public License, version 2 with the GNU Classpath Exception, which is available at<br/> <a href="https://www.gnu.org/software/classpath/license.html">https://www.gnu.org/software/classpath/license.html</a>.<br/> SPDX-License-Identifier: EPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0<br/> All content is the property of the respective authors or their employers. For more information regarding authorship of content, please consult the listed source code repository logs.<br/> Oracle elects EPL 2.0</p> <p>-----</p> <p># Notices for Jakarta Annotations<br/> This content is produced and maintained by the Jakarta Annotations project.<br/> * Project home: <a href="https://projects.eclipse.org/projects/ee4j.ca">https://projects.eclipse.org/projects/ee4j.ca</a><br/> ## Trademarks<br/> Jakarta Annotations is a trademark of the Eclipse Foundation.<br/> ## Declared Project Licenses<br/> This program and the accompanying materials are made available under the terms of the Eclipse Public License v. 2.0 which is available at <a href="http://www.eclipse.org/legal/epl-2.0">http://www.eclipse.org/legal/epl-2.0</a>. This Source Code may also be made available under the following Secondary Licenses when the conditions for such availability set forth in the Eclipse Public License v. 2.0 are satisfied: GNU General Public License, version 2 with the GNU Classpath Exception which is available at <a href="https://www.gnu.org/software/classpath/license.html">https://www.gnu.org/software/classpath/license.html</a>.<br/> SPDX-License-Identifier: EPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0<br/> Oracle elects EPL 2.0.<br/> ## Source Code</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>The project maintains the following source code repositories:</p> <p>* <a href="https://github.com/eclipse-ee4j/common-annotations-api">https://github.com/eclipse-ee4j/common-annotations-api</a></p> <p>## Third-party Content</p> <p>## Cryptography</p> <p>Content may contain encryption software. The country in which you are currently may have restrictions on the import, possession, and use, and/or re-export to another country, of encryption software. BEFORE using any encryption software, please check the country's laws, regulations and policies concerning the import, possession, or use, and re-export of encryption software, to see if this is permitted.</p> <p>=====</p> <p>=====</p> <p>=====</p> <p>Fourth-Party Dependencies</p> <p>org.yaml snakeyaml</p> <p>License : Apache License Version 2.0</p> <p>License text : [0] in License reference.</p> <p>Copyright (c) 2008, <a href="http://www.snakeyaml.org">http://www.snakeyaml.org</a></p> <p>Licensed under the Apache License, Version 2.0 (the "License");</p> <p>you may not use this file except in compliance with the License.</p> <p>You may obtain a copy of the License at</p> <p><a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS,</p> <p>WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.</p> <p>See the License for the specific language governing permissions and limitations under the License.</p> <p>=====</p> <p>=====</p> <p>=====</p> <p>Fourth-Party Dependencies</p> <p>com.fasterxml.jackson.core jackson-annotations</p> <p>com.fasterxml.jackson.core jackson-core</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>com.fasterxml.jackson.core jackson-databind<br/> com.fasterxml.jackson.datatype jackson-datatype-jdk8<br/> com.fasterxml.jackson.datatype jackson-datatype-jsr310<br/> com.fasterxml.jackson.module jackson-module-parameter-names</p> <p>License : Apache License Version 2.0 [0]<br/> Common copyright notice:<br/> Copyright (c) 2019 Tatu Saloranta<br/> This product is licensed to you under the Apache License, Version 2.0<br/> (the "License"). You may not use this product except in compliance with<br/> the License.<br/> This product may include a number of subcomponents with separate<br/> copyright notices and license terms. Your use of the source code for<br/> these subcomponents is subject to the terms and conditions of the<br/> subcomponent's license, as noted in the license.txt file.</p> <p>-----<br/> Notice:<br/> # Jackson JSON processor<br/> Jackson is a high-performance, Free/Open Source JSON processing library.<br/> It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has<br/> been in development since 2007.<br/> It is currently developed by a community of developers.</p> <p>## Licensing<br/> Jackson 2.x core and extension components are licensed under Apache License 2.0<br/> To find the details that apply to this artifact see the accompanying LICENSE file.</p> <p>## Credits<br/> A list of contributors may be found from CREDITS(-2.x) file, which is included<br/> in some artifacts (usually source distributions); but is always available<br/> from the source code management (SCM) system project uses.</p> <p>=====</p> <p>=====</p> <p>=====</p> <p>Fourth-Party Dependencies</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>io.netty netty-buffer<br/> io.netty netty-codec<br/> io.netty netty-codec-dns<br/> io.netty netty-codec-http<br/> io.netty netty-codec-http2<br/> io.netty netty-codec-socks<br/> io.netty netty-common<br/> io.netty netty-handler<br/> io.netty netty-handler-proxy<br/> io.netty netty-resolver<br/> io.netty netty-resolver-dns<br/> io.netty netty-resolver-dns-classes-macos<br/> io.netty netty-resolver-dns-native-macos<br/> io.netty netty-transport<br/> io.netty netty-transport-classes-epoll<br/> io.netty netty-transport-native-epoll<br/> io.netty netty-transport-native-unix-common</p> <p>License : Apache License Version 2.0<br/> License text : [0] in License reference.<br/> Copyright 2011 The Netty Project</p> <p>The Netty Project licenses this file to you under the Apache License,<br/> version 2.0 (the "License"); you may not use this file except<br/> in compliance<br/> with the License. You may obtain a copy of the License at:<br/> <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Unless required by applicable law or agreed to in writing,<br/> software<br/> distributed under the License is distributed on an "AS IS"<br/> BASIS, WITHOUT<br/> WARRANTIES OR CONDITIONS OF ANY KIND, either<br/> express or implied. See the<br/> License for the specific language governing permissions and<br/> limitations<br/> under the License.</p> <p>Also, please refer to each LICENSE..txt file, which is located<br/> in<br/> the 'license' directory of the distribution file, for the license<br/> terms of the<br/> components that this product depends on.</p> <p>-----</p> <p>Notice:</p> <p>The Netty Project</p> <p>=====</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Please visit the Netty web site for more information:<br/> * <a href="https://netty.io/">https://netty.io/</a><br/> Copyright 2014 The Netty Project<br/> The Netty Project licenses this file to you under the Apache License,<br/> version 2.0 (the "License"); you may not use this file except<br/> in compliance<br/> with the License. You may obtain a copy of the License at:<br/> <a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a><br/> Unless required by applicable law or agreed to in writing,<br/> software<br/> distributed under the License is distributed on an "AS IS"<br/> BASIS, WITHOUT<br/> WARRANTIES OR CONDITIONS OF ANY KIND, either<br/> express or implied. See the<br/> License for the specific language governing permissions and<br/> limitations<br/> under the License.</p> <p>Also, please refer to each LICENSE..txt file, which is located<br/> in<br/> the 'license' directory of the distribution file, for the license<br/> terms of the<br/> components that this product depends on.</p> <p>-----</p> <p>This product contains the extensions to Java Collections<br/> Framework which has<br/> been derived from the works by JSR-166 EG, Doug Lea, and<br/> Jason T. Greene:</p> <p>* LICENSE:<br/> * <a href="#">license/LICENSE.jsr166y.txt</a> (Public Domain)<br/> The person or persons who have associated work with this<br/> document (the<br/> "Dedicator" or "Certifier") hereby either (a) certifies that, to<br/> the best of<br/> his knowledge, the work of authorship identified is in the<br/> public domain of<br/> the country from which the work is published, or (b) hereby<br/> dedicates whatever<br/> copyright the dedicators holds in the work of authorship<br/> identified below (the<br/> "Work") to the public domain. A certifier, moreover, dedicates<br/> any copyright<br/> interest he may have in the associated work, and for these<br/> purposes, is<br/> described as a "dedicator" below.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>A certifier has taken reasonable steps to verify the copyright status of this work. Certifier recognizes that his good faith efforts may not shield him from liability if in fact the work certified is not in the public domain. Dedicator makes this dedication for the benefit of the public at large and to the detriment of the Dedicator's heirs and successors. Dedicator intends this dedication to be an overt act of relinquishment in perpetuity of all present and future rights under copyright law, whether vested or contingent, in the Work. Dedicator understands that such relinquishment of all rights includes the relinquishment of all rights to enforce (by lawsuit or otherwise) those copyrights in the Work. Dedicator recognizes that, once placed in the public domain, the Work may be freely reproduced, distributed, transmitted, used, modified, built upon, or otherwise exploited by anyone for any purpose, commercial or non-commercial, and in any way, including by methods that have not yet been invented or conceived.</p> <p>* HOMEPAGE:<br/> * <a href="http://gee.cs.oswego.edu/cgi-bin/viewcvs.cgi/jsr166/">http://gee.cs.oswego.edu/cgi-bin/viewcvs.cgi/jsr166/</a><br/> * <a href="http://viewvc.jboss.org/cgi-bin/viewvc.cgi/jboss-cache/experimental/jsr166/">http://viewvc.jboss.org/cgi-bin/viewvc.cgi/jboss-cache/experimental/jsr166/</a></p> <p>-----</p> <p>--</p> <p>This product contains a modified version of Robert Harder's Public Domain Base64 Encoder and Decoder, which can be obtained at:</p> <p>* LICENSE:<br/> * <a href="#">license/LICENSE.base64.txt</a> (Public Domain)</p> <p>The person or persons who have associated work with this document (the "Dedicator" or "Certifier") hereby either (a) certifies that, to the best of his knowledge, the work of authorship identified is in the public domain of the country from which the work is published, or (b) hereby dedicates whatever copyright the dedicators holds in the work of authorship identified below (the</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>"Work") to the public domain. A certifier, moreover, dedicates any copyright interest he may have in the associated work, and for these purposes, is described as a "dedicator" below.</p> <p>A certifier has taken reasonable steps to verify the copyright status of this work. Certifier recognizes that his good faith efforts may not shield him from liability if in fact the work certified is not in the public domain.</p> <p>Dedicator makes this dedication for the benefit of the public at large and to the detriment of the Dedicator's heirs and successors. Dedicator intends this dedication to be an overt act of relinquishment in perpetuity of all present and future rights under copyright law, whether vested or contingent, in the Work. Dedicator understands that such relinquishment of all rights includes the relinquishment of all rights to enforce (by lawsuit or otherwise) those copyrights in the Work.</p> <p>Dedicator recognizes that, once placed in the public domain, the Work may be freely reproduced, distributed, transmitted, used, modified, built upon, or otherwise exploited by anyone for any purpose, commercial or non-commercial, and in any way, including by methods that have not yet been invented or conceived.</p> <p>* HOMEPAGE:<br/>* <a href="http://iharder.sourceforge.net/current/java/base64/">http://iharder.sourceforge.net/current/java/base64/</a></p> <p>-----<br/>----</p> <p>This product contains a modified portion of 'Webbit', an event based WebSocket and HTTP server, which can be obtained at:</p> <p>* LICENSE:<br/>* <a href="#">license/LICENSE.webbit.txt</a> (BSD License)<br/>(BSD License: <a href="https://www.opensource.org/licenses/bsd-license">https://www.opensource.org/licenses/bsd-license</a>)</p> <p>Copyright (c) 2011, Joe Walnes, Aslak Hellesøy and contributors<br/>All rights reserved.</p> <p>Redistribution and use in source and binary forms, with or</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>without modification, are permitted provided that the following conditions are met:</p> <ul style="list-style-type: none"> <li>* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.</li> <li>* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.</li> <li>* Neither the name of the Webbit nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.</li> </ul> <p>THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>* HOMEPAGE:<br/>* <a href="https://github.com/joewalnes/webbit">https://github.com/joewalnes/webbit</a></p> <hr/> <p>This product contains a modified portion of 'SLF4J', a simple logging facade for Java, which can be obtained at:</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>* LICENSE:<br/>           * license/LICENSE.slf4j.txt (MIT License)<br/>           /*<br/>           * Copyright (c) 2004-2007 QOS.ch<br/>           * All rights reserved.<br/>           *<br/>           See <a href="#">Appendix G</a><br/>           */<br/>           * HOMEPAGE:<br/>           * <a href="https://www.slf4j.org/">https://www.slf4j.org/</a></p> <p>-----</p> <p>This product contains a modified portion of 'Apache Harmony', an open source Java SE, which can be obtained at:<br/>           * NOTICE:<br/>           * license/NOTICE.harmony.txt<br/>           Apache Harmony<br/>           Copyright 2006, 2010 The Apache Software Foundation.<br/>           This product includes software developed at<br/>           The Apache Software Foundation (<a href="https://www.apache.org/">https://www.apache.org/</a>).<br/>           * LICENSE:<br/>           * license/LICENSE.harmony.txt (Apache License 2.0)<br/>           * HOMEPAGE:<br/>           * <a href="https://archive.apache.org/dist/harmony/">https://archive.apache.org/dist/harmony/</a></p> <p>-----</p> <p>This product contains a modified portion of 'jzip2', a Java bzip2 compression and decompression library written by Matthew J. Francis. It can be obtained at:<br/>           * LICENSE:<br/>           * license/LICENSE.jzip2.txt (MIT License)<br/>           Copyright (c) 2010-2011 Matthew J. Francis and Contributors of the jzip2 Project<br/>           See <a href="#">Appendix G</a><br/>           * HOMEPAGE:<br/>           * <a href="https://code.google.com/p/jzip2/">https://code.google.com/p/jzip2/</a></p> <p>-----</p> <p>This product contains a modified portion of 'libdivsufsort', a C API library to construct the suffix array and the Burrows-Wheeler transformed string for any input string of</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>a constant-size alphabet written by Yuta Mori. It can be obtained at:</p> <p>* LICENSE:<br/>* license/LICENSE.libdivsufsort.txt (MIT License)<br/>Copyright (c) 2003-2008 Yuta Mori All Rights Reserved.<br/>See <a href="#">Appendix G</a><br/>* HOMEPAGE:<br/>* <a href="https://github.com/y-256/libdivsufsort">https://github.com/y-256/libdivsufsort</a></p> <p>-----</p> <p>This product contains a modified portion of Nitsan Wakart's 'JCTools', Java Concurrency Tools for the JVM, which can be obtained at:</p> <p>* LICENSE:<br/>* license/LICENSE.jctools.txt (ASL2 License)<br/>* HOMEPAGE:<br/>* <a href="https://github.com/JCTools/JCTools">https://github.com/JCTools/JCTools</a></p> <p>-----</p> <p>This product optionally depends on 'JZlib', a re-implementation of zlib in pure Java, which can be obtained at:</p> <p>* LICENSE:<br/>* license/LICENSE.jzlib.txt (BSD style License)<br/>Copyright (c) 2000,2001,2002,2003,2004 ymnk, JCraft,Inc. All rights reserved.<br/>See <a href="#">Appendix M</a><br/>* HOMEPAGE:<br/>* <a href="http://www.jcraft.com/jzlib/">http://www.jcraft.com/jzlib/</a></p> <p>-----</p> <p>This product optionally depends on 'Compress-LZF', a Java library for encoding and decoding data in LZF format, written by Tatu Saloranta. It can be obtained at:</p> <p>* LICENSE:<br/>* license/LICENSE.compress-lzf.txt (Apache License 2.0)<br/>Copyright 2009-2010 Ning, Inc.<br/>Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at <a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a></p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.</p> <p>* HOMEPAGE:<br/>* <a href="https://github.com/ning/compress">https://github.com/ning/compress</a></p> <p>-----</p> <p>-</p> <p>This product optionally depends on 'lz4', a LZ4 Java compression and decompression library written by Adrien Grand. It can be obtained at:</p> <p>* LICENSE:<br/>* <a href="#">license/LICENSE.lz4.txt</a> (Apache License 2.0)<br/>* HOMEPAGE:<br/>* <a href="https://github.com/jpountz/lz4-java">https://github.com/jpountz/lz4-java</a></p> <p>-----</p> <p>----</p> <p>This product optionally depends on 'lzma-java', a LZMA Java compression and decompression library, which can be obtained at:</p> <p>* LICENSE:<br/>* <a href="#">license/LICENSE.lzma-java.txt</a> (Apache License 2.0)<br/>* HOMEPAGE:<br/>* <a href="https://github.com/jponge/lzma-java">https://github.com/jponge/lzma-java</a></p> <p>-----</p> <p>-----</p> <p>This product optionally depends on 'zstd-jni', a zstd-jni Java compression and decompression library, which can be obtained at:</p> <p>* LICENSE:<br/>* <a href="#">license/LICENSE.zstd-jni.txt</a> (Apache License 2.0)<br/>* HOMEPAGE:<br/>* <a href="https://github.com/luben/zstd-jni">https://github.com/luben/zstd-jni</a></p> <p>-----</p> <p>-----</p> <p>This product contains a modified portion of 'jfastlz', a Java port of FastLZ compression and decompression library written by William Kinney. It can be obtained at:</p> <p>* LICENSE:</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>* license/LICENSE.jfastlz.txt (MIT License)</p> <p>The MIT License</p> <p>Copyright (c) 2009 William Kinney</p> <p>See <a href="#">Appendix G</a></p> <p>* HOMEPAGE:</p> <p>* <a href="https://code.google.com/p/jfastlz/">https://code.google.com/p/jfastlz/</a></p> <p>-----</p> <p>This product contains a modified portion of and optionally depends on 'Protocol Buffers', Google's data interchange format, which can be obtained at:</p> <p>* LICENSE:</p> <p>* license/LICENSE.protobuf.txt (New BSD License)</p> <p>Protocol Buffers - Google's data interchange format</p> <p>Copyright 2013 Google Inc. All rights reserved.</p> <p><a href="https://developers.google.com/protocol-buffers/">https://developers.google.com/protocol-buffers/</a></p> <p>See <a href="#">Appendix M</a></p> <p>Code generated by the Protocol Buffer compiler is owned by the owner</p> <p>of the input file used when generating it. This code is not standalone and requires a support library to be linked with it. This</p> <p>support library is itself covered by the above license.</p> <p>* HOMEPAGE:</p> <p>* <a href="https://github.com/google/protobuf">https://github.com/google/protobuf</a></p> <p>-----</p> <p>This product optionally depends on 'Bouncy Castle Crypto APIs' to generate</p> <p>a temporary self-signed X.509 certificate when the JVM does not provide the</p> <p>equivalent functionality. It can be obtained at:</p> <p>* LICENSE:</p> <p>* license/LICENSE.bouncycastle.txt (MIT License)</p> <p>The MIT License (MIT)</p> <p>Copyright (c) 2000 - 2013 The Legion of the Bouncy Castle Inc.</p> <p>(<a href="https://www.bouncycastle.org">https://www.bouncycastle.org</a>)</p> <p>See <a href="#">Appendix G</a></p> <p>* HOMEPAGE:</p> <p>* <a href="https://www.bouncycastle.org/">https://www.bouncycastle.org/</a></p> <p>-----</p> <p>This product optionally depends on 'Snappy', a compression library produced</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>by Google Inc, which can be obtained at:</p> <p>* LICENSE:<br/>* license/LICENSE.snappy.txt (New BSD License)<br/>Copyright 2011, Google Inc.<br/>All rights reserved.<br/>See <a href="#">Appendix M</a></p> <p>* HOMEPAGE:<br/>* <a href="https://github.com/google/snappy">https://github.com/google/snappy</a></p> <p>-----</p> <p>This product optionally depends on 'JBoss Marshalling', an alternative Java serialization API, which can be obtained at:</p> <p>* LICENSE:<br/>* license/LICENSE.jboss-marshalling.txt (Apache License 2.0)<br/>* HOMEPAGE:<br/>* <a href="https://github.com/jboss-remoting/jboss-marshalling">https://github.com/jboss-remoting/jboss-marshalling</a></p> <p>-----</p> <p>This product optionally depends on 'Caliper', Google's micro-benchmarking framework, which can be obtained at:</p> <p>* LICENSE:<br/>* license/LICENSE.caliper.txt (Apache License 2.0)<br/>* HOMEPAGE:<br/>* <a href="https://github.com/google/caliper">https://github.com/google/caliper</a></p> <p>-----</p> <p>This product optionally depends on 'Apache Commons Logging', a logging framework, which can be obtained at:</p> <p>* LICENSE:<br/>* license/LICENSE.commons-logging.txt (Apache License 2.0)<br/>* HOMEPAGE:<br/>* <a href="https://commons.apache.org/logging/">https://commons.apache.org/logging/</a></p> <p>-----</p> <p>This product optionally depends on 'Apache Log4J', a logging framework, which can be obtained at:</p> <p>* LICENSE:<br/>* license/LICENSE.log4j.txt (Apache License 2.0)<br/>* HOMEPAGE:<br/>* <a href="https://logging.apache.org/log4j/">https://logging.apache.org/log4j/</a></p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>-----</p> <p>This product optionally depends on 'Aalto XML', an ultra-high performance non-blocking XML processor, which can be obtained at:</p> <p>* LICENSE:</p> <p>* license/LICENSE.aalto-xml.txt (Apache License 2.0)</p> <p>This copy of Aalto XML processor is licensed under the Apache (Software) License, version 2.0 ("the License"). See the License for details about distribution rights, and the specific rights regarding derivate works.</p> <p>You may obtain a copy of the License at:</p> <p><a href="https://www.apache.org/licenses/">https://www.apache.org/licenses/</a></p> <p>A copy is also included with both the the downloadable source code package and jar that contains class bytecodes, as file "ASL 2.0". In both cases,</p> <p>that file should be located next to this file: in source distribution</p> <p>the location should be "release-notes/asl"; and in jar "META-INF/"</p> <p>* HOMEPAGE:</p> <p>* <a href="http://wiki.fasterxml.com/AaltoHome">http://wiki.fasterxml.com/AaltoHome</a></p> <p>-----</p> <p>This product contains a modified version of 'HPACK', a Java implementation of the HTTP/2 HPACK algorithm written by Twitter. It can be obtained at:</p> <p>* LICENSE:</p> <p>* license/LICENSE.hpack.txt (Apache License 2.0)</p> <p>* HOMEPAGE:</p> <p>* <a href="https://github.com/twitter/hpack">https://github.com/twitter/hpack</a></p> <p>-----</p> <p>This product contains a modified version of 'HPACK', a Java implementation of the HTTP/2 HPACK algorithm written by Cory Benfield. It can be obtained at:</p> <p>* LICENSE:</p> <p>* license/LICENSE.hyper-hpack.txt (MIT License)</p> <p>The MIT License (MIT)</p> <p>Copyright (c) 2014 Cory Benfield</p> <p>See <a href="#">Appendix G</a></p> <p>* HOMEPAGE:</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>* <a href="https://github.com/python-hyper/hpack/">https://github.com/python-hyper/hpack/</a></p> <p>-----</p> <p>This product contains a modified version of 'HPACK', a Java implementation of the HTTP/2 HPACK algorithm written by Tatsuhiro Tsujikawa. It can be obtained at:</p> <p>* LICENSE:<br/>           * license/LICENSE.nghttp2-hpack.txt (MIT License)<br/>           The MIT License<br/>           Copyright (c) 2012, 2014, 2015, 2016 Tatsuhiro Tsujikawa<br/>           Copyright (c) 2012, 2014, 2015, 2016 nghttp2 contributors<br/>           See <a href="#">Appendix G</a><br/>           * HOMEPAGE:<br/>           * <a href="https://github.com/nghttp2/nghttp2/">https://github.com/nghttp2/nghttp2/</a></p> <p>-----</p> <p>This product contains a modified portion of 'Apache Commons Lang', a Java library provides utilities for the java.lang API, which can be obtained at:</p> <p>* LICENSE:<br/>           * license/LICENSE.commons-lang.txt (Apache License 2.0)<br/>           * HOMEPAGE:<br/>           * <a href="https://commons.apache.org/proper/commons-lang/">https://commons.apache.org/proper/commons-lang/</a></p> <p>-----</p> <p>This product contains the Maven wrapper scripts from 'Maven Wrapper', that provides an easy way to ensure a user has everything necessary to run the Maven build.</p> <p>* LICENSE:<br/>           * license/LICENSE.mvn-wrapper.txt (Apache License 2.0)<br/>           * HOMEPAGE:<br/>           * <a href="https://github.com/takari/maven-wrapper">https://github.com/takari/maven-wrapper</a></p> <p>-----</p> <p>This product contains the dnsinfo.h header file, that provides a way to retrieve the system DNS configuration on MacOS. This private header is also used by Apple's open source mDNSResponder (<a href="https://opensource.apple.com/tarballs/mDNSResponder/">https://opensource.apple.com/tarballs/mDNSResponder/</a>).</p> <p>* LICENSE:<br/>           * license/LICENSE.dnsinfo.txt (Apple Public Source License 2.0)<br/>           /*</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>* Copyright (c) 2004-2006, 2008, 2009, 2011 Apple Inc. All rights reserved.</p> <p>*</p> <p>* @APPLE_LICENSE_HEADER_START@</p> <p>*</p> <p>* This file contains Original Code and/or Modifications of Original Code</p> <p>* as defined in and that are subject to the Apple Public Source License</p> <p>* Version 2.0 (the 'License'). You may not use this file except in</p> <p>* compliance with the License. Please obtain a copy of the License at</p> <p>* <a href="https://www.opensource.apple.com/apsl/">https://www.opensource.apple.com/apsl/</a> and read it before using this</p> <p>* file.</p> <p>*</p> <p>* The Original Code and all software distributed under the License are</p> <p>* distributed on an 'AS IS' basis, WITHOUT WARRANTY OF ANY KIND, EITHER</p> <p>* EXPRESS OR IMPLIED, AND APPLE HEREBY DISCLAIMS ALL SUCH WARRANTIES,</p> <p>* INCLUDING WITHOUT LIMITATION, ANY WARRANTIES OF MERCHANTABILITY,</p> <p>* FITNESS FOR A PARTICULAR PURPOSE, QUIET ENJOYMENT OR NON-INFRINGEMENT.</p> <p>* Please see the License for the specific language governing rights and</p> <p>* limitations under the License.</p> <p>*</p> <p>* @APPLE_LICENSE_HEADER_END@</p> <p>*/</p> <p>* HOMEPAGE:</p> <p>* <a href="https://www.opensource.apple.com/source/configd/configd-453.19/dnsinfo/dnsinfo.h">https://www.opensource.apple.com/source/configd/configd-453.19/dnsinfo/dnsinfo.h</a></p> <p>-----</p> <p>-----</p> <p>This product optionally depends on 'Brotli4j', Brotli compression and decompression for Java., which can be obtained at:</p> <p>* LICENSE:</p> <p>* <a href="#">license/LICENSE.brotli4j.txt</a> (Apache License 2.0)</p> <p>* HOMEPAGE:</p> <p>* <a href="https://github.com/hyperxpro/Brotli4j">https://github.com/hyperxpro/Brotli4j</a></p> <p>-----</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>=====</p> <p>=====</p> <p>=====</p> <p>Fourth-Party Dependencies</p> <p>io.projectreactor reactor-core</p> <p>io.projectreactor.netty reactor-netty-core</p> <p>io.projectreactor.netty reactor-netty-http</p> <p>License : Apache License Version 2.0</p> <p>Copyright © 2020 VMware, Inc.</p> <p>Licensed under the Apache License, Version 2.0 (the "License");</p> <p>you may not use this file except in compliance with the License.</p> <p>You may obtain a copy of the License at</p> <p><a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Unless required by applicable law or agreed to in writing, software</p> <p>distributed under the License is distributed on an "AS IS" BASIS,</p> <p>WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.</p> <p>See the License for the specific language governing permissions and</p> <p>limitations under the License.</p> <p>License text : [0] in License reference.</p> <p>=====</p> <p>=====</p> <p>=====</p> <p>Fourth-Party Dependencies</p> <p>org.reactivestreams reactive-streams</p> <p>License: MIT No Attribution</p> <p>Copyright 2014 Reactive Streams</p> <p>See <a href="#">Appendix G</a></p> <p>=====</p> <p>=====</p> <p>=====</p> <p>License References are mentioned below.</p> <p>===== Start</p> <p>License Reference [0]</p> <p>=====</p> <p>Apache License</p> <p>Version 2.0, January 2004</p> <p><a href="http://www.apache.org/licenses/">http://www.apache.org/licenses/</a></p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION</p> <p>1. Definitions.</p> <p>"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.</p> <p>"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.</p> <p>"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.</p> <p>"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.</p> <p>"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.</p> <p>"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.</p> <p>"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).</p> <p>"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.</p> <p>"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."</p> <p>"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.</p> <p>2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.</p> <p>3. Grant of Patent License. Subject to the terms and conditions of</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>this License, each Contributor hereby grants to You a perpetual,<br/>worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made,<br/>use, offer to sell, sell, import, and otherwise transfer the Work,<br/>where such license applies only to those patent claims licensable<br/>by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s)<br/>with the Work to which such Contribution(s) was submitted. If You<br/>institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work<br/>or a Contribution incorporated within the Work constitutes direct<br/>or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate<br/>as of the date such litigation is filed.</p> <p>4. Redistribution. You may reproduce and distribute copies of the<br/>Work or Derivative Works thereof in any medium, with or without<br/>modifications, and in Source or Object form, provided that You<br/>meet the following conditions:</p> <p>(a) You must give any other recipients of the Work or Derivative Works a copy of this License; and</p> <p>(b) You must cause any modified files to carry prominent notices<br/>stating that You changed the files; and</p> <p>(c) You must retain, in the Source form of any Derivative Works<br/>that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and</p> <p>(d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must<br/>include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or,</p> <p>within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents</p> <p>of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided</p> <p>that such additional attribution notices cannot be construed as modifying the License.</p> <p>You may add Your own copyright statement to Your modifications and</p> <p>may provide additional or different license terms and conditions</p> <p>for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with</p> <p>the conditions stated in this License.</p> <p>5. Submission of Contributions. Unless You explicitly state otherwise,</p> <p>any Contribution intentionally submitted for inclusion in the Work</p> <p>by You to the Licensor shall be under the terms and conditions of</p> <p>this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify</p> <p>the terms of any separate license agreement you may have executed</p> <p>with Licensor regarding such Contributions.</p> <p>6. Trademarks. This License does not grant permission to use the trade</p> <p>names, trademarks, service marks, or product names of the Licensor,</p> <p>except as required for reasonable and customary use in describing the</p> <p>origin of the Work and reproducing the content of the NOTICE file.</p> <p>7. Disclaimer of Warranty. Unless required by applicable law or</p> <p>agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS,</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.</p> <p>8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.</p> <p>9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.</p> <p>END OF TERMS AND CONDITIONS</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>APPENDIX: How to apply the Apache License to your work.</p> <p>To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.</p> <p>Copyright [yyyy] [name of copyright owner]</p> <p>Licensed under the Apache License, Version 2.0 (the "License");</p> <p>you may not use this file except in compliance with the License.</p> <p>You may obtain a copy of the License at</p> <p><a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS,</p> <p>WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.</p> <p>See the License for the specific language governing permissions and limitations under the License.</p> <p>===== End License Reference [0]</p> <p>===== Start License Reference [1]</p> <p>=====</p> <p>GNU LESSER GENERAL PUBLIC LICENSE</p> <p>Version 2.1, February 1999</p> <p>Copyright (C) 1991, 1999 Free Software Foundation, Inc.</p> <p>51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA</p> <p>Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.</p> <p>[This is the first released version of the Lesser GPL. It also counts as the successor of the GNU Library Public License, version 2, hence the version number 2.1.]</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>See <a href="#">Appendix A</a></p> <p>END OF TERMS AND CONDITIONS</p> <p>How to Apply These Terms to Your New Libraries</p> <p>If you develop a new library, and you want it to be of the greatest possible use to the public, we recommend making it free software that everyone can redistribute and change. You can do so by permitting redistribution under these terms (or, alternatively, under the terms of the ordinary General Public License).</p> <p>To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.</p> <p>Copyright (C)</p> <p>This library is free software; you can redistribute it and/or modify it under the terms of the GNU Lesser General Public License as published by the Free Software Foundation; either version 2.1 of the License, or (at your option) any later version.</p> <p>This library is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU Lesser General Public License for more details.</p> <p>You should have received a copy of the GNU Lesser General Public License along with this library; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA</p> <p>Also add information on how to contact you by electronic and paper mail.</p> <p>You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the library, if necessary. Here is a sample; alter the names:</p> <p>Yoyodyne, Inc., hereby disclaims all copyright interest in the</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>library `Frob' (a library for tweaking knobs) written by James Random Hacker.</p> <p>, 1 April 1990</p> <p>Ty Coon, President of Vice</p> <p>That's all there is to it!</p> <p>===== End</p> <p>License Reference [1]</p> <p>=====</p> <p>===== Start</p> <p>License Reference [2]</p> <p>=====</p> <p>Eclipse Public License - v 1.0</p> <p><a href="#">Appendix J</a></p> <p>===== End</p> <p>License Reference [2]</p> <p>=====</p> <p>===== Start</p> <p>License Reference [3]</p> <p>=====</p> <p>Eclipse Public License - v 2.0 - See <a href="#">Appendix Y</a></p> <p>-----</p> <p>GNU GENERAL PUBLIC LICENSE</p> <p>Version 2, June 1991</p> <p>Copyright (C) 1989, 1991 Free Software Foundation, Inc.</p> <p>51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA</p> <p>Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.</p> <p>Preamble</p> <p>See <a href="#">Appendix A</a></p> <p>END OF TERMS AND CONDITIONS</p> <p>---</p> <p>## CLASSPATH EXCEPTION</p> <p>Linking this library statically or dynamically with other modules is</p> <p>making a combined work based on this library. Thus, the terms and</p> <p>conditions of the GNU General Public License version 2 cover the whole</p> <p>combination.</p> <p>As a special exception, the copyright holders of this library give you</p> <p>permission to link this library with independent modules to produce an</p> |

Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>executable, regardless of the license terms of these independent modules, and to copy and distribute the resulting executable under terms of your choice, provided that you also meet, for each linked independent module, the terms and conditions of the license of that module. An independent module is a module which is not derived from or based on this library. If you modify this library, you may extend this exception to your version of the library, but you are not obligated to do so. If you do not wish to do so, delete this exception statement from your version.</p> <p>===== End License Reference [3] =====</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider  | Component (s)                 | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-----------|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Spring IO | spring-integration-core 6.1.4 | <p>Component Name: spring-integration-core</p> <pre> /*  * Copyright 2002-2019 the original author or authors.  *  * Licensed under the Apache License, Version 2.0 (the  "License");  * you may not use this file except in compliance with the  License.  * You may obtain a copy of the License at  *  * https://www.apache.org/licenses/LICENSE-2.0  *  * Unless required by applicable law or agreed to in writing,  software  * distributed under the License is distributed on an "AS IS"  BASIS,  * WITHOUT WARRANTIES OR CONDITIONS OF ANY  KIND, either express or implied.  * See the License for the specific language governing  permissions and  * limitations under the License.  */ ----- Spring Framework \${version} Copyright (c) 2002-\${copyright} Pivotal, Inc.  This product is licensed to you under the Apache License, Version 2.0 (the "License"). You may not use this product except in compliance with the License.  This product may include a number of subcomponents with separate copyright notices and license terms. Your use of the source code for these subcomponents is subject to the terms and conditions of the subcomponent's license, as noted in the license.txt file. ----- 4th Party Dependencies:  1. io.projectreactor » reactor-core /*  * Copyright (c) 2011-2019 Pivotal Software Inc, All Rights  Reserved.  * </pre> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>* Licensed under the Apache License, Version 2.0 (the "License");</p> <p>* you may not use this file except in compliance with the License.</p> <p>* You may obtain a copy of the License at</p> <p>*</p> <p>* <a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a></p> <p>*</p> <p>* Unless required by applicable law or agreed to in writing, software</p> <p>* distributed under the License is distributed on an "AS IS" BASIS,</p> <p>* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.</p> <p>* See the License for the specific language governing permissions and</p> <p>* limitations under the License.</p> <p>*/</p> <p>-----</p> <p>1.1 org.reactivestreams » reactive-streams</p> <p>MIT No Attribution</p> <p>Copyright 2014 Reactive Streams</p> <p>Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so.</p> <p>THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE</p> <p>-----</p> <p>2. org.springframework » spring-aop</p> <p>/*</p> <p>* Copyright 2002-2017 the original author or authors.</p> <p>*</p> <p>* Licensed under the Apache License, Version 2.0 (the "License");</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>* you may not use this file except in compliance with the License.</p> <p>* You may obtain a copy of the License at</p> <p>*</p> <p>* <a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a></p> <p>*</p> <p>* Unless required by applicable law or agreed to in writing, software</p> <p>* distributed under the License is distributed on an "AS IS" BASIS,</p> <p>* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.</p> <p>* See the License for the specific language governing permissions and</p> <p>* limitations under the License.</p> <p>*/</p> <p>-----</p> <p>2.1 org.springframework</p> <p>/*</p> <p>* Copyright 2002-2019 the original author or authors.</p> <p>*</p> <p>* Licensed under the Apache License, Version 2.0 (the "License");</p> <p>* you may not use this file except in compliance with the License.</p> <p>* You may obtain a copy of the License at</p> <p>*</p> <p>* <a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a></p> <p>*</p> <p>* Unless required by applicable law or agreed to in writing, software</p> <p>* distributed under the License is distributed on an "AS IS" BASIS,</p> <p>* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.</p> <p>* See the License for the specific language governing permissions and</p> <p>* limitations under the License.</p> <p>*/</p> <p>-----</p> <p>2.1.1 org.springframework</p> <p>/*</p> <p>* Copyright 2002-2020 the original author or authors.</p> <p>*</p> <p>* Licensed under the Apache License, Version 2.0 (the "License");</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>* you may not use this file except in compliance with the License.</p> <p>* You may obtain a copy of the License at</p> <p>*</p> <p>* <a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a></p> <p>*</p> <p>* Unless required by applicable law or agreed to in writing, software</p> <p>* distributed under the License is distributed on an "AS IS" BASIS,</p> <p>* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.</p> <p>* See the License for the specific language governing permissions and</p> <p>* limitations under the License.</p> <p>*/</p> <p>-----</p> <p>3. org.springframework » spring-context</p> <p>/*</p> <p>* Copyright 2002-2014 the original author or authors.</p> <p>*</p> <p>* Licensed under the Apache License, Version 2.0 (the "License");</p> <p>* you may not use this file except in compliance with the License.</p> <p>* You may obtain a copy of the License at</p> <p>*</p> <p>* <a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a></p> <p>*</p> <p>* Unless required by applicable law or agreed to in writing, software</p> <p>* distributed under the License is distributed on an "AS IS" BASIS,</p> <p>* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.</p> <p>* See the License for the specific language governing permissions and</p> <p>* limitations under the License.</p> <p>*/</p> <p>-----</p> <p>3.1 org.springframework » spring-aop</p> <p>/*</p> <p>* Copyright 2002-2017 the original author or authors.</p> <p>*</p> <p>* Licensed under the Apache License, Version 2.0 (the "License");</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>* you may not use this file except in compliance with the License.</p> <p>* You may obtain a copy of the License at</p> <p>*</p> <p>* <a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a></p> <p>*</p> <p>* Unless required by applicable law or agreed to in writing, software</p> <p>* distributed under the License is distributed on an "AS IS" BASIS,</p> <p>* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.</p> <p>* See the License for the specific language governing permissions and</p> <p>* limitations under the License.</p> <p>*/</p> <p>-----</p> <p>3.1.1 org.springframework » spring-beans</p> <p>/*</p> <p>* Copyright 2002-2019 the original author or authors.</p> <p>*</p> <p>* Licensed under the Apache License, Version 2.0 (the "License");</p> <p>* you may not use this file except in compliance with the License.</p> <p>* You may obtain a copy of the License at</p> <p>*</p> <p>* <a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a></p> <p>*</p> <p>* Unless required by applicable law or agreed to in writing, software</p> <p>* distributed under the License is distributed on an "AS IS" BASIS,</p> <p>* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.</p> <p>* See the License for the specific language governing permissions and</p> <p>* limitations under the License.</p> <p>*/</p> <p>-----</p> <p>3.4 org.springframework » spring-expression</p> <p>/*</p> <p>* Copyright 2002-2017 the original author or authors.</p> <p>*</p> <p>* Licensed under the Apache License, Version 2.0 (the "License");</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>* you may not use this file except in compliance with the License.</p> <p>* You may obtain a copy of the License at</p> <p>*</p> <p>* <a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a></p> <p>*</p> <p>* Unless required by applicable law or agreed to in writing, software</p> <p>* distributed under the License is distributed on an "AS IS" BASIS,</p> <p>* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.</p> <p>* See the License for the specific language governing permissions and</p> <p>* limitations under the License.</p> <p>*/</p> <p>-----</p> <p>4. org.springframework » spring-core</p> <p>Spring Framework \${version}</p> <p>Copyright (c) 2002-\${copyright} Pivotal, Inc.</p> <p>This product is licensed to you under the Apache License, Version 2.0</p> <p>(the "License"). You may not use this product except in compliance with</p> <p>the License.</p> <p>This product may include a number of subcomponents with separate</p> <p>copyright notices and license terms. Your use of the source code for</p> <p>these subcomponents is subject to the terms and conditions of the</p> <p>subcomponent's license, as noted in the license.txt file.</p> <p>-----</p> <p>5. org.springframework » spring-messaging</p> <p>/*</p> <p>* Copyright 2002-2018 the original author or authors.</p> <p>*</p> <p>* Licensed under the Apache License, Version 2.0 (the "License");</p> <p>* you may not use this file except in compliance with the License.</p> <p>* You may obtain a copy of the License at</p> <p>*</p> <p>* <a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a></p> <p>*</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>* Unless required by applicable law or agreed to in writing, software</p> <p>* distributed under the License is distributed on an "AS IS" BASIS,</p> <p>* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.</p> <p>* See the License for the specific language governing permissions and</p> <p>* limitations under the License.</p> <p>*/</p> <p>-----</p> <p>6. org.springframework » spring-tx</p> <p>* Copyright 2002-2012 the original author or authors.</p> <p>*</p> <p>* Licensed under the Apache License, Version 2.0 (the "License");</p> <p>* you may not use this file except in compliance with the License.</p> <p>* You may obtain a copy of the License at</p> <p>*</p> <p>* <a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a></p> <p>*</p> <p>* Unless required by applicable law or agreed to in writing, software</p> <p>* distributed under the License is distributed on an "AS IS" BASIS,</p> <p>* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.</p> <p>* See the License for the specific language governing permissions and</p> <p>* limitations under the License.</p> <p>*/</p> <p>-----</p> <p>7. org.springframework.retry » spring-retry</p> <p>/*</p> <p>* Copyright 2006-2007 the original author or authors.</p> <p>*</p> <p>* Licensed under the Apache License, Version 2.0 (the "License");</p> <p>* you may not use this file except in compliance with the License.</p> <p>* You may obtain a copy of the License at</p> <p>*</p> <p>* <a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a></p> <p>*</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>* Unless required by applicable law or agreed to in writing, software</p> <p>* distributed under the License is distributed on an "AS IS" BASIS,</p> <p>* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.</p> <p>* See the License for the specific language governing permissions and</p> <p>* limitations under the License.</p> <p>*/</p> <p>Apache License, Version 2.0 See <a href="#">Appendix E</a></p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider  | Component (s)                 | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-----------|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Spring IO | spring-integration-file 5.4.6 | <p>Component: spring-integration-file: Commons-io :<br/>-----Copyright<br/>Notice----- Apache Commons<br/>IO Copyright 2002-2017 The Apache Software Foundation<br/>This product includes software developed at The Apache<br/>Software Foundation (<a href="http://www.apache.org/">http://www.apache.org/</a>).<br/>-----</p> <p>-----<br/>Apache License, Version 2.0 See <a href="#">Appendix E</a><br/>-----<br/>-----</p> <p>spring-integration-core<br/>----- Copyright Info<br/>-----</p> <pre> /*  * Copyright 2002-2019 the original author or  * authors.  *  * Licensed under the Apache License, Version 2.0  * (the "License");  * you may not use this file except in compliance  * with the License.  * You may obtain a copy of the License at  *  *     https://www.apache.org/licenses/LICENSE-2.0  *  * Unless required by applicable law or agreed to  * in writing, software  * distributed under the License is distributed on  * an "AS IS" BASIS,  * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND,  * either express or implied.  * See the License for the specific language  * governing permissions and  * limitations under the License.  */ </pre> <p>-----<br/>-----</p> <p>4th Party Dependencies:</p> <pre> 1. io.projectreactor » reactor-core    V 3.3.3.RELEASE (Apache 2.0) 2. org.springframework » spring-aop    V 5.2.4.RELEASE (Apache 2.0) 3. org.springframework » spring-context V 5.2.4.RELEASE (Apache 2.0) 4. org.springframework » spring-core   V 5.2.4.RELEASE (Apache 2.0) 5. org.springframework » spring-messaging V 5.2.4.RELEASE (Apache 2.0) 6. org.springframework » spring-tx     V </pre> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <pre> 5.2.4.RELEASE  (Apache 2.0) 7. org.springframework.retry » spring-retry  V 1.2.5.RELEASE  (Apache 2.0)  4th Party and its children copyright info:  1. io.projectreactor » reactor-core  V 3.3.3.RELEASE  (Apache 2.0) -----      Copyright Info -----  /*  * Copyright (c) 2011-2019 Pivotal Software Inc, All Rights Reserved.  *  * Licensed under the Apache License, Version 2.0 (the "License");  * you may not use this file except in compliance with the License.  * You may obtain a copy of the License at  *  *      https://www.apache.org/licenses/ LICENSE-2.0  *  * Unless required by applicable law or agreed to in writing, software  * distributed under the License is distributed on an "AS IS" BASIS,  * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.  * See the License for the specific language governing permissions and  * limitations under the License.  */ -----  1.1 org.reactivestreams » reactive-streams  V 1.0.3  (CC0 1.0) -----      Copyright Info -----  / ***** *****  * Licensed under Public Domain (CC0)  *  *  * To the extent possible under law, the person who associated CC0 with  *  * this code has waived all copyright and related or neighboring  *  * rights to this code.  * </pre> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <pre> * * * You should have received a copy of the CC0 legalcode along with this * * work. If not, see .*  ***** *****/  -----  2. org.springframework » spring-aop V 5.2.4.RELEASE (Apache 2.0) ----- Copyright Info ----- /* * Copyright 2002-2017 the original author or authors. * * Licensed under the Apache License, Version 2.0 (the "License"); * you may not use this file except in compliance with the License. * You may obtain a copy of the License at * * https://www.apache.org/licenses/LICENSE-2.0 * * Unless required by applicable law or agreed to in writing, software * distributed under the License is distributed on an "AS IS" BASIS, * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. * See the License for the specific language governing permissions and * limitations under the License. */  -----  2.1 org.springframework » spring-beans V 5.2.4.RELEASE (Apache 2.0) ----- Copyright Info ----- /* * Copyright 2002-2019 the original author or authors. * * Licensed under the Apache License, Version 2.0 (the "License"); * you may not use this file except in compliance with the License. * You may obtain a copy of the License at * * https://www.apache.org/licenses/LICENSE-2.0 * </pre> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <pre> * Unless required by applicable law or agreed to in writing, software * distributed under the License is distributed on an "AS IS" BASIS, * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. * See the License for the specific language governing permissions and * limitations under the License. */ ----- 2.1.1 org.springframework » spring-core  V 5.2.4.RELEASE  (Apache 2.0) ----- Copyright Info ----- /* * Copyright 2002-2020 the original author or authors. * * Licensed under the Apache License, Version 2.0 (the "License"); * you may not use this file except in compliance with the License. * You may obtain a copy of the License at * *     https://www.apache.org/licenses/LICENSE-2.0 * * Unless required by applicable law or agreed to in writing, software * distributed under the License is distributed on an "AS IS" BASIS, * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. * See the License for the specific language governing permissions and * limitations under the License. */ ----- 2.2 org.springframework » spring-core  V 5.2.4.RELEASE  (Apache 2.0) ----- Copyright Info ----- See early section ----- 3. org.springframework » spring-context  V 5.2.4.RELEASE  (Apache 2.0) ----- Copyright Info ----- /* * Copyright 2002-2014 the original author or authors. </pre> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <pre> * * Licensed under the Apache License, Version 2.0 (the "License"); * you may not use this file except in compliance with the License. * You may obtain a copy of the License at * *     https://www.apache.org/licenses/LICENSE-2.0 * * Unless required by applicable law or agreed to in writing, software * distributed under the License is distributed on an "AS IS" BASIS, * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. * See the License for the specific language governing permissions and * limitations under the License. */ ----- 3.1 org.springframework » spring-aop V 5.2.4.RELEASE (Apache 2.0) ----- Copyright Info ----- /* * Copyright 2002-2017 the original author or authors. * * Licensed under the Apache License, Version 2.0 (the "License"); * you may not use this file except in compliance with the License. * You may obtain a copy of the License at * *     https://www.apache.org/licenses/LICENSE-2.0 * * Unless required by applicable law or agreed to in writing, software * distributed under the License is distributed on an "AS IS" BASIS, * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. * See the License for the specific language governing permissions and * limitations under the License. */ ----- 3.1.1 org.springframework » spring-beans V 5.2.4.RELEASE (Apache 2.0) ----- Copyright Info ----- /* * Copyright 2002-2019 the original author or </pre> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>authors.<br/> *<br/> * Licensed under the Apache License, Version 2.0<br/> (the "License");<br/> * you may not use this file except in compliance<br/> with the License.<br/> * You may obtain a copy of the License at<br/> *<br/> * <a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a><br/> *<br/> * Unless required by applicable law or agreed to<br/> in writing, software<br/> * distributed under the License is distributed on<br/> an "AS IS" BASIS,<br/> * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND,<br/> either express or implied.<br/> * See the License for the specific language<br/> governing permissions and<br/> * limitations under the License.<br/> */</p> <p>-----<br/> -----<br/> 3.1.1.1 org.springframework » spring-core V<br/> 5.2.4.RELEASE (Apache 2.0)<br/> ----- Copyright Info<br/> -----<br/> See early section<br/> -----<br/> -----<br/> 3.1.2 org.springframework » spring-core V<br/> 5.2.4.RELEASE (Apache 2.0)<br/> ----- Copyright Info<br/> -----<br/> See early section<br/> -----<br/> -----<br/> 3.2 org.springframework » spring-beans V<br/> 5.2.4.RELEASE (Apache 2.0)<br/> ----- Copyright Info<br/> -----<br/> See early section<br/> -----<br/> -----<br/> 3.3 org.springframework » spring-core V<br/> 5.2.4.RELEASE (Apache 2.0)<br/> ----- Copyright Info<br/> -----<br/> See early section<br/> -----<br/> -----<br/> 3.4 org.springframework » spring-expression V<br/> 5.2.4.RELEASE (Apache 2.0)<br/> ----- Copyright Info<br/> -----</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <pre> /*  * Copyright 2002-2017 the original author or  * authors.  *  * Licensed under the Apache License, Version 2.0  * (the "License");  * you may not use this file except in compliance  * with the License.  * You may obtain a copy of the License at  *  *     https://www.apache.org/licenses/LICENSE-2.0  *  * Unless required by applicable law or agreed to  * in writing, software  * distributed under the License is distributed on  * an "AS IS" BASIS,  * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND,  * either express or implied.  * See the License for the specific language  * governing permissions and  * limitations under the License.  */ ----- 3.4.1 org.springframework » spring-core V 5.2.4.RELEASE (Apache 2.0) ----- Copyright Info ----- See early section ----- ----- 4. org.springframework » spring-core V 5.2.4.RELEASE (Apache 2.0) ----- Copyright Info ----- See early section ----- ----- 5. org.springframework » spring-messaging V 5.2.4.RELEASE (Apache 2.0) ----- Copyright Info ----- /*  * Copyright 2002-2018 the original author or  * authors.  *  * Licensed under the Apache License, Version 2.0  * (the "License");  * you may not use this file except in compliance  * with the License.  * You may obtain a copy of the License at  *  *     https://www.apache.org/licenses/LICENSE-2.0 </pre> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>*<br/>           * Unless required by applicable law or agreed to in writing, software<br/>           * distributed under the License is distributed on an "AS IS" BASIS,<br/>           * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.<br/>           * See the License for the specific language governing permissions and<br/>           * limitations under the License.<br/>           */</p> <p>-----</p> <p>5.1 org.springframework » spring-beans V<br/>           5.2.4.RELEASE (Apache 2.0)<br/>           ----- Copyright Info<br/>           -----</p> <p>See early section</p> <p>-----</p> <p>5.2 org.springframework » spring-core V<br/>           5.2.4.RELEASE (Apache 2.0)<br/>           ----- Copyright Info<br/>           -----</p> <p>See early section</p> <p>-----</p> <p>6. org.springframework » spring-tx V<br/>           5.2.4.RELEASE (Apache 2.0)<br/>           ----- Copyright Info<br/>           -----</p> <p>/*<br/>           * Copyright 2002-2012 the original author or authors.<br/>           *<br/>           * Licensed under the Apache License, Version 2.0 (the "License");<br/>           * you may not use this file except in compliance with the License.<br/>           * You may obtain a copy of the License at<br/>           *<br/>           * <a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a><br/>           *<br/>           * Unless required by applicable law or agreed to in writing, software<br/>           * distributed under the License is distributed on an "AS IS" BASIS,<br/>           * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.<br/>           * See the License for the specific language governing permissions and<br/>           * limitations under the License.<br/>           */</p> <p>-----</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <pre> ----- 6.1 org.springframework » spring-beans  V 5.2.4.RELEASE  (Apache 2.0) -----      Copyright Info ----- See early section -----  6.2 org.springframework » spring-core  V 5.2.4.RELEASE  (Apache 2.0) -----      Copyright Info ----- See early section -----  7. org.springframework.retry » spring-retry  V 1.2.5.RELEASE  (Apache 2.0) -----      Copyright Info ----- /*  * Copyright 2006-2007 the original author or authors.  *  * Licensed under the Apache License, Version 2.0 (the "License");  * you may not use this file except in compliance with the License.  * You may obtain a copy of the License at  *  *      https://www.apache.org/licenses/LICENSE-2.0  *  * Unless required by applicable law or agreed to in writing, software  * distributed under the License is distributed on an "AS IS" BASIS,  * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.  * See the License for the specific language governing permissions and  * limitations under the License.  */ -----  7.1 org.springframework » spring-core  V 5.2.4.RELEASE  (Apache 2.0) -----      Copyright Info ----- See early section -----  Apache License, Version 2.0 See <a href="#">Appendix E</a> </pre> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>----- CCO License<br/>-----</p> <p>CCO 1.0 Universal</p> <p>Official translations of this legal tool are available in other languages.<br/>CREATIVE COMMONS CORPORATION IS NOT A LAW FIRM AND DOES NOT PROVIDE LEGAL SERVICES. DISTRIBUTION OF THIS DOCUMENT DOES NOT CREATE AN ATTORNEY-CLIENT RELATIONSHIP. CREATIVE COMMONS PROVIDES THIS INFORMATION ON AN "AS-IS" BASIS. CREATIVE COMMONS MAKES NO WARRANTIES REGARDING THE USE OF THIS DOCUMENT OR THE INFORMATION OR WORKS PROVIDED HEREUNDER, AND DISCLAIMS LIABILITY FOR DAMAGES RESULTING FROM THE USE OF THIS DOCUMENT OR THE INFORMATION OR WORKS PROVIDED HEREUNDER.</p> <p>Statement of Purpose<br/>The laws of most jurisdictions throughout the world automatically confer exclusive Copyright and Related Rights (defined below) upon the creator and subsequent owner(s) (each and all, an "owner") of an original work of authorship and/or a database (each, a "Work").</p> <p>Certain owners wish to permanently relinquish those rights to a Work for the purpose of contributing to a commons of creative, cultural and scientific works ("Commons") that the public can reliably and without fear of later claims of infringement build upon, modify, incorporate in other works, reuse and redistribute as freely as possible in any form whatsoever and for any purposes, including without limitation commercial purposes. These owners may contribute to the Commons to promote the ideal of a free culture and the further production of creative, cultural and scientific works, or to gain reputation or greater distribution for their Work in part through the use and efforts of others.</p> <p>For these and/or other purposes and motivations, and without any expectation of additional consideration or compensation, the person associating CC0 with a Work (the "Affirmer"), to the extent that he or she is an owner of Copyright and Related Rights in the Work, voluntarily elects to apply CC0 to the Work and publicly distribute the Work under its terms, with knowledge of his or her Copyright and Related Rights in the Work and the meaning and intended legal effect of CC0 on those rights.</p> <p>1. Copyright and Related Rights. A Work made available under CC0 may be protected by copyright and related or neighboring rights ("Copyright and</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Related Rights"). Copyright and Related Rights include, but are not limited to, the following:</p> <p>the right to reproduce, adapt, distribute, perform, display, communicate, and translate a Work;</p> <p>moral rights retained by the original author(s) and/or performer(s);</p> <p>publicity and privacy rights pertaining to a person's image or likeness depicted in a Work;</p> <p>rights protecting against unfair competition in regards to a Work, subject to the limitations in paragraph 4(a), below;</p> <p>rights protecting the extraction, dissemination, use and reuse of data in a Work;</p> <p>database rights (such as those arising under Directive 96/9/EC of the European Parliament and of the Council of 11 March 1996 on the legal protection of databases, and under any national implementation thereof, including any amended or successor version of such directive); and</p> <p>other similar, equivalent or corresponding rights throughout the world based on applicable law or treaty, and any national implementations thereof.</p> <p>2. Waiver. To the greatest extent permitted by, but not in contravention of, applicable law, Affirmer hereby overtly, fully, permanently, irrevocably and unconditionally waives, abandons, and surrenders all of Affirmer's Copyright and Related Rights and associated claims and causes of action, whether now known or unknown (including existing as well as future claims and causes of action), in the Work (i) in all territories worldwide, (ii) for the maximum duration provided by applicable law or treaty (including future time extensions), (iii) in any current or future medium and for any number of copies, and (iv) for any purpose whatsoever, including without limitation commercial, advertising or promotional purposes (the "Waiver"). Affirmer makes the Waiver for the benefit of each member of the public at large and to the detriment of Affirmer's heirs and successors, fully intending that such Waiver shall not be subject to revocation, rescission, cancellation, termination, or any other legal or equitable action to disrupt the quiet enjoyment of the Work by the public as contemplated by Affirmer's express Statement of Purpose.</p> <p>3. Public License Fallback. Should any part of the Waiver for any reason be judged legally invalid or ineffective under applicable law, then the Waiver shall be preserved to the maximum extent permitted taking into account Affirmer's express Statement of Purpose. In addition, to the extent the Waiver</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>is so judged Affirmer hereby grants to each affected person a royalty-free, non transferable, non sublicensable, non exclusive, irrevocable and unconditional license to exercise Affirmer's Copyright and Related Rights in the Work (i) in all territories worldwide, (ii) for the maximum duration provided by applicable law or treaty (including future time extensions), (iii) in any current or future medium and for any number of copies, and (iv) for any purpose whatsoever, including without limitation commercial, advertising or promotional purposes (the "License"). The License shall be deemed effective as of the date CC0 was applied by Affirmer to the Work. Should any part of the License for any reason be judged legally invalid or ineffective under applicable law, such partial invalidity or ineffectiveness shall not invalidate the remainder of the License, and in such case Affirmer hereby affirms that he or she will not (i) exercise any of his or her remaining Copyright and Related Rights in the Work or (ii) assert any associated claims and causes of action with respect to the Work, in either case contrary to Affirmer's express Statement of Purpose.</p> <p>4. Limitations and Disclaimers.</p> <p>No trademark or patent rights held by Affirmer are waived, abandoned, surrendered, licensed or otherwise affected by this document. Affirmer offers the Work as-is and makes no representations or warranties of any kind concerning the Work, express, implied, statutory or otherwise, including without limitation warranties of title, merchantability, fitness for a particular purpose, non infringement, or the absence of latent or other defects, accuracy, or the present or absence of errors, whether or not discoverable, all to the greatest extent permissible under applicable law. Affirmer disclaims responsibility for clearing rights of other persons that may apply to the Work or any use thereof, including without limitation any person's Copyright and Related Rights in the Work. Further, Affirmer disclaims responsibility for obtaining any necessary consents, permissions or other rights required for any use of the Work. Affirmer understands and acknowledges that Creative Commons is not a party to this document and has no duty or obligation with respect to this CC0 or use of the Work.</p> <p>-----<br/>-----</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider  | Component (s)                                  | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-----------|------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Spring IO | spring-integration-file 5.2.4.RELEASE<br>5.2.4 | <p>Component Name: spring-integration-core</p> <p>----- Copyright Info -----</p> <p>/*</p> <p>* Copyright 2002-2019 the original author or authors.</p> <p>*</p> <p>* Licensed under the Apache License, Version 2.0 (the "License");</p> <p>* you may not use this file except in compliance with the License.</p> <p>* You may obtain a copy of the License at</p> <p>*</p> <p>* <a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a></p> <p>*</p> <p>* Unless required by applicable law or agreed to in writing, software</p> <p>* distributed under the License is distributed on an "AS IS" BASIS,</p> <p>* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. * See the License for the specific language governing permissions and</p> <p>* limitations under the License.</p> <p>*/</p> <p>-----</p> <p>4th Party Dependencies:</p> <p>1. io.projectreactor » reactor-core V 3.3.3.RELEASE (Apache 2.0)</p> <p>2. org.springframework » spring-aop V 5.2.4.RELEASE (Apache 2.0)</p> <p>3. org.springframework » spring-context V 5.2.4.RELEASE (Apache 2.0)</p> <p>4. org.springframework » spring-core V 5.2.4.RELEASE (Apache 2.0)</p> <p>5. org.springframework » spring-messaging V 5.2.4.RELEASE (Apache 2.0)</p> <p>6. org.springframework » spring-tx V 5.2.4.RELEASE (Apache 2.0)</p> <p>7. org.springframework.retry » spring-retry V 1.2.5.RELEASE (Apache 2.0)</p> <p>4th Party and its children copyright info:</p> <p>1. io.projectreactor » reactor-core V 3.3.3.RELEASE (Apache 2.0)</p> <p>----- Copyright Info -----</p> <p>/*</p> <p>* Copyright (c) 2011-2019 Pivotal Software Inc, All Rights Reserved.</p> <p>*</p> <p>* Licensed under the Apache License, Version 2.0 (the "License");</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>* you may not use this file except in compliance with the License.</p> <p>* You may obtain a copy of the License at</p> <p>*</p> <p>* <a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a></p> <p>*</p> <p>* Unless required by applicable law or agreed to in writing, software</p> <p>* distributed under the License is distributed on an "AS IS" BASIS,</p> <p>* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.</p> <p>* See the License for the specific language governing permissions and</p> <p>* limitations under the License.</p> <p>*/</p> <p>-----</p> <p>1.1 org.reactivestreams » reactive-streams V 1.0.3 (CCO 1.0)</p> <p>----- Copyright Info -----</p> <p>/</p> <p>*****</p> <p>***</p> <p>* Licensed under Public Domain (CC0) *</p> <p>*</p> <p>*</p> <p>* To the extent possible under law, the person who associated CC0 with *</p> <p>* this code has waived all copyright and related or neighboring *</p> <p>* rights to this code. *</p> <p>*</p> <p>*</p> <p>* You should have received a copy of the CC0 legalcode along with this *</p> <p>* work. If not, see &lt;<a href="http://creativecommons.org/publicdomain/zero/1.0/">http://creativecommons.org/publicdomain/zero/1.0/</a>&gt;.*</p> <p>*****</p> <p>***/</p> <p>-----</p> <p>2. org.springframework » spring-aop V 5.2.4.RELEASE (Apache 2.0)</p> <p>----- Copyright Info -----</p> <p>/*</p> <p>* Copyright 2002-2017 the original author or authors. *</p> <p>* Licensed under the Apache License, Version 2.0 (the "License");</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>* you may not use this file except in compliance with the License.</p> <p>* You may obtain a copy of the License at *</p> <p>* <a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a> *</p> <p>* Unless required by applicable law or agreed to in writing, software</p> <p>* distributed under the License is distributed on an "AS IS" BASIS,</p> <p>* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.</p> <p>* See the License for the specific language governing permissions and</p> <p>* limitations under the License.</p> <p>*/</p> <p>-----</p> <p>2.1 org.springframework » spring-beans V 5.2.4.RELEASE (Apache 2.0)</p> <p>----- Copyright Info -----</p> <p>/*</p> <p>* Copyright 2002-2019 the original author or authors. *</p> <p>* Licensed under the Apache License, Version 2.0 (the "License");</p> <p>* you may not use this file except in compliance with the License.</p> <p>* You may obtain a copy of the License at *</p> <p>* <a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a> *</p> <p>* Unless required by applicable law or agreed to in writing, software</p> <p>* distributed under the License is distributed on an "AS IS" BASIS,</p> <p>* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.</p> <p>* See the License for the specific language governing permissions and</p> <p>* limitations under the License.</p> <p>*/</p> <p>-----</p> <p>2.1.1 org.springframework » spring-core V 5.2.4.RELEASE (Apache 2.0)</p> <p>----- Copyright Info -----</p> <p>/*</p> <p>* Copyright 2002-2020 the original author or authors. *</p> <p>* Licensed under the Apache License, Version 2.0 (the "License");</p> <p>* you may not use this file except in compliance with the License.</p> <p>* You may obtain a copy of the License at *</p> <p>* <a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a> *</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>* Unless required by applicable law or agreed to in writing, software</p> <p>* distributed under the License is distributed on an "AS IS" BASIS,</p> <p>* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.</p> <p>* See the License for the specific language governing permissions and</p> <p>* limitations under the License.</p> <p>*/</p> <p>-----</p> <p>2.2 org.springframework » spring-core V 5.2.4.RELEASE (Apache 2.0)</p> <p>----- Copyright Info -----</p> <p>See early section</p> <p>-----</p> <p>3. org.springframework » spring-context V 5.2.4.RELEASE (Apache 2.0)</p> <p>----- Copyright Info ----- /*</p> <p>* Copyright 2002-2014 the original author or authors. *</p> <p>* Licensed under the Apache License, Version 2.0 (the "License");</p> <p>* you may not use this file except in compliance with the License.</p> <p>* You may obtain a copy of the License at *</p> <p>* <a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a> *</p> <p>* Unless required by applicable law or agreed to in writing, software</p> <p>* distributed under the License is distributed on an "AS IS" BASIS,</p> <p>* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.</p> <p>* See the License for the specific language governing permissions and</p> <p>* limitations under the License.</p> <p>*/ -----</p> <p>3.1 org.springframework » spring-aop V 5.2.4.RELEASE (Apache 2.0)</p> <p>----- Copyright Info ----- /*</p> <p>* Copyright 2002-2017 the original author or authors. *</p> <p>* Licensed under the Apache License, Version 2.0 (the "License");</p> <p>* you may not use this file except in compliance with the License.</p> <p>* You may obtain a copy of the License at *</p> <p>* <a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a> *</p> <p>* Unless required by applicable law or agreed to in writing, software</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>* distributed under the License is distributed on an "AS IS" BASIS,</p> <p>* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.</p> <p>* See the License for the specific language governing permissions and</p> <p>* limitations under the License.</p> <p>*/</p> <p>-----</p> <p>3.1.1 org.springframework » spring-beans V 5.2.4.RELEASE (Apache 2.0)</p> <p>----- Copyright Info -----</p> <p>/*</p> <p>* Copyright 2002-2019 the original author or authors. *</p> <p>* Licensed under the Apache License, Version 2.0 (the "License");</p> <p>* you may not use this file except in compliance with the License.</p> <p>* You may obtain a copy of the License at *</p> <p>* <a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a> *</p> <p>* Unless required by applicable law or agreed to in writing, software</p> <p>* distributed under the License is distributed on an "AS IS" BASIS,</p> <p>* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.</p> <p>* See the License for the specific language governing permissions and</p> <p>* limitations under the License.</p> <p>*/</p> <p>-----</p> <p>3.1.1.1 org.springframework » spring-core V 5.2.4.RELEASE (Apache 2.0)</p> <p>----- Copyright Info -----</p> <p>See early section</p> <p>-----</p> <p>3.1.2 org.springframework » spring-core V 5.2.4.RELEASE (Apache 2.0)</p> <p>----- Copyright Info -----</p> <p>See early section</p> <p>-----</p> <p>3.2 org.springframework » spring-beans V 5.2.4.RELEASE (Apache 2.0)</p> <p>----- Copyright Info -----</p> <p>See early section</p> <p>-----</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>3.3 org.springframework » spring-core V 5.2.4.RELEASE (Apache 2.0)</p> <p>----- Copyright Info -----</p> <p>See early section</p> <p>-----</p> <p>3.4 org.springframework » spring-expression V 5.2.4.RELEASE (Apache 2.0)</p> <p>----- Copyright Info -----</p> <p>/*</p> <p>* Copyright 2002-2017 the original author or authors. *</p> <p>* Licensed under the Apache License, Version 2.0 (the "License");</p> <p>* you may not use this file except in compliance with the License.</p> <p>* You may obtain a copy of the License at *</p> <p>* <a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a> *</p> <p>* Unless required by applicable law or agreed to in writing, software</p> <p>* distributed under the License is distributed on an "AS IS" BASIS,</p> <p>* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.</p> <p>* See the License for the specific language governing permissions and</p> <p>* limitations under the License.</p> <p>*/</p> <p>-----</p> <p>3.4.1 org.springframework » spring-core V 5.2.4.RELEASE (Apache 2.0)</p> <p>----- Copyright Info -----</p> <p>See early section</p> <p>-----</p> <p>4. org.springframework » spring-core V 5.2.4.RELEASE (Apache 2.0)</p> <p>----- Copyright Info -----</p> <p>See early section</p> <p>-----</p> <p>5. org.springframework » spring-messaging V 5.2.4.RELEASE (Apache 2.0)</p> <p>----- Copyright Info -----</p> <p>/*</p> <p>* Copyright 2002-2018 the original author or authors. *</p> <p>* Licensed under the Apache License, Version 2.0 (the "License");</p> <p>* you may not use this file except in compliance with the License.</p> <p>* You may obtain a copy of the License at *</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>* <a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a> *</p> <p>* Unless required by applicable law or agreed to in writing, software</p> <p>* distributed under the License is distributed on an "AS IS" BASIS,</p> <p>* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.</p> <p>* See the License for the specific language governing permissions and</p> <p>* limitations under the License.</p> <p>*/</p> <p>-----</p> <p>5.1 org.springframework » spring-beans V 5.2.4.RELEASE (Apache 2.0)</p> <p>----- Copyright Info -----</p> <p>See early section</p> <p>-----</p> <p>5.2 org.springframework » spring-core V 5.2.4.RELEASE (Apache 2.0)</p> <p>----- Copyright Info -----</p> <p>See early section</p> <p>-----</p> <p>6. org.springframework » spring-tx V 5.2.4.RELEASE (Apache 2.0)</p> <p>----- Copyright Info -----</p> <p>/*</p> <p>* Copyright 2002-2012 the original author or authors. *</p> <p>* Licensed under the Apache License, Version 2.0 (the "License");</p> <p>* you may not use this file except in compliance with the License.</p> <p>* You may obtain a copy of the License at *</p> <p>* <a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a> *</p> <p>* Unless required by applicable law or agreed to in writing, software</p> <p>* distributed under the License is distributed on an "AS IS" BASIS,</p> <p>* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.</p> <p>* See the License for the specific language governing permissions and</p> <p>* limitations under the License.</p> <p>*/</p> <p>-----</p> <p>6.1 org.springframework » spring-beans V 5.2.4.RELEASE (Apache 2.0)</p> <p>----- Copyright Info -----</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>See early section</p> <p>-----</p> <p>6.2 org.springframework » spring-core V 5.2.4.RELEASE (Apache 2.0)</p> <p>----- Copyright Info -----</p> <p>See early section</p> <p>-----</p> <p>7. org.springframework.retry » spring-retry V 1.2.5.RELEASE (Apache 2.0)</p> <p>----- Copyright Info -----</p> <p>/*</p> <p>* Copyright 2006-2007 the original author or authors. *</p> <p>* Licensed under the Apache License, Version 2.0 (the "License");</p> <p>* you may not use this file except in compliance with the License.</p> <p>* You may obtain a copy of the License at *</p> <p>* <a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a> *</p> <p>* Unless required by applicable law or agreed to in writing, software</p> <p>* distributed under the License is distributed on an "AS IS" BASIS,</p> <p>* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.</p> <p>* See the License for the specific language governing permissions and</p> <p>* limitations under the License.</p> <p>*/</p> <p>-----</p> <p>7.1 org.springframework » spring-core V 5.2.4.RELEASE (Apache 2.0)</p> <p>----- Copyright Info -----</p> <p>See early section</p> <p>-----</p> <p>----- Apache 2.0 License -----</p> <p>-----</p> <p>Apache License, Version 2.0 See <a href="#">Appendix E</a></p> <p>-----</p> <p>----- CCO License -----</p> <p>-----</p> <p>CC0 1.0 Universal</p> <p>Official translations of this legal tool are available in other languages.</p> <p>CREATIVE COMMONS CORPORATION IS NOT A LAW FIRM AND DOES NOT PROVIDE LEGAL SERVICES. DISTRIBUTION OF THIS DOCUMENT DOES NOT CREATE AN ATTORNEY-CLIENT RELATIONSHIP. CREATIVE COMMONS PROVIDES THIS INFORMATION ON AN "AS-IS" BASIS. CREATIVE COMMONS MAKES NO</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>WARRANTIES REGARDING THE USE OF THIS DOCUMENT OR THE INFORMATION OR WORKS PROVIDED HEREUNDER, AND DISCLAIMS LIABILITY FOR DAMAGES RESULTING FROM THE USE OF THIS DOCUMENT OR THE INFORMATION OR WORKS PROVIDED HEREUNDER.</p> <p>Statement of Purpose</p> <p>The laws of most jurisdictions throughout the world automatically confer exclusive Copyright and Related Rights (defined below) upon the creator and subsequent owner(s) (each and all, an "owner") of an original work of authorship and/or a database (each, a "Work").</p> <p>Certain owners wish to permanently relinquish those rights to a Work for the purpose of contributing to a commons of creative, cultural and scientific works ("Commons") that the public can reliably and without fear of later claims of infringement build upon, modify, incorporate in other works, reuse and redistribute as freely as possible in any form whatsoever and for any purposes, including without limitation commercial purposes. These owners may contribute to the Commons to promote the ideal of a free culture and the further production of creative, cultural and scientific works, or to gain reputation or greater distribution for their Work in part through the use and efforts of others.</p> <p>For these and/or other purposes and motivations, and without any expectation of additional consideration or compensation, the person associating CC0 with a Work (the "Affirmer"), to the extent that he or she is an owner of Copyright and Related Rights in the Work, voluntarily elects to apply CC0 to the Work and publicly distribute the Work under its terms, with knowledge of his or her Copyright and Related Rights in the Work and the meaning and intended legal effect of CC0 on those rights.</p> <p>1. Copyright and Related Rights. A Work made available under CC0 may be protected by copyright and related or neighboring rights ("Copyright and Related Rights"). Copyright and Related Rights include, but are not limited to, the following:</p> <ul style="list-style-type: none"> <li>the right to reproduce, adapt, distribute, perform, display, communicate, and translate a Work;</li> <li>moral rights retained by the original author(s) and/or performer(s);</li> <li>publicity and privacy rights pertaining to a person's image or likeness depicted in a Work;</li> <li>rights protecting against unfair competition in regards to a Work, subject to the limitations in paragraph 4(a), below;</li> <li>rights protecting the extraction, dissemination, use and reuse of data in a Work;</li> <li>database rights (such as those arising under Directive 96/9/EC of the European Parliament and of the Council of 11 March 1996 on the legal protection of databases, and under any national implementation thereof, including any amended or successor version of such directive);</li> </ul> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>and other similar, equivalent or corresponding rights throughout the world based on applicable law or treaty, and any national implementations thereof.</p> <p>2. Waiver. To the greatest extent permitted by, but not in contravention of, applicable law, Affirmer hereby overtly, fully, permanently, irrevocably and unconditionally waives, abandons, and surrenders all of Affirmer's Copyright and Related Rights and associated claims and causes of action, whether now known or unknown (including existing as well as future claims and causes of action), in the Work (i) in all territories worldwide, (ii) for the maximum duration provided by applicable law or treaty (including future time extensions), (iii) in any current or future medium and for any number of copies, and (iv) for any purpose whatsoever, including without limitation commercial, advertising or promotional purposes (the "Waiver"). Affirmer makes the Waiver for the benefit of each member of the public at large and to the detriment of Affirmer's heirs and successors, fully intending that such Waiver shall not be subject to revocation, rescission, cancellation, termination, or any other legal or equitable action to disrupt the quiet enjoyment of the Work by the public as contemplated by Affirmer's express Statement of Purpose.</p> <p>3. Public License Fallback. Should any part of the Waiver for any reason be judged legally invalid or ineffective under applicable law, then the Waiver shall be preserved to the maximum extent permitted taking into account Affirmer's express Statement of Purpose. In addition, to the extent the Waiver is so judged Affirmer hereby grants to each affected person a royalty-free, non transferable, non sublicensable, non exclusive, irrevocable and unconditional license to exercise Affirmer's Copyright and Related Rights in the Work (i) in all territories worldwide, (ii) for the maximum duration provided by applicable law or treaty (including future time extensions), (iii) in any current or future medium and for any number of copies, and (iv) for any purpose whatsoever, including without limitation commercial, advertising or promotional purposes (the "License"). The License shall be deemed effective as of the date CC0 was applied by Affirmer to the Work. Should any part of the License for any reason be judged legally invalid or ineffective under applicable law, such partial invalidity or ineffectiveness shall not invalidate the remainder of the License, and in such case Affirmer hereby affirms that he or she will not (i) exercise any of his or her remaining Copyright and Related Rights in the Work or (ii) assert any associated claims and causes of action with respect to the Work, in either case contrary to Affirmer's express Statement of Purpose.</p> <p>4. Limitations and Disclaimers.</p> <p>No trademark or patent rights held by Affirmer are waived, abandoned, surrendered, licensed or otherwise affected by this document. Affirmer offers the Work as-is and makes no representations or warranties of any kind concerning the Work, express, implied, statutory or otherwise, including without limitation warranties of title, merchantability, fitness for a particular purpose, non infringement, or the absence of</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>latent or other defects, accuracy, or the present or absence of errors, whether or not discoverable, all to the greatest extent permissible under applicable law. Affirmer disclaims responsibility for clearing rights of other persons that may apply to the Work or any use thereof, including without limitation any person's Copyright and Related Rights in the Work. Further, Affirmer disclaims responsibility for obtaining any necessary consents, permissions or other rights required for any use of the Work. Affirmer understands and acknowledges that Creative Commons is not a party to this document and has no duty or obligation with respect to this CC0 or use of the Work.</p> <p>-----</p> <p>Commons-io : Apache License<br/>Apache License, Version 2.0 See <a href="#">Appendix E</a></p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider     | Component (s)              | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|--------------|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SpringSource | Spring Batch 4.2.4.RELEASE | <p>Spring Batch 4.2.4.RELEASE</p> <p>Copyright (c) 2002-2019 Pivotal, Inc.</p> <p>This product is licensed to you under the Apache License, Version 2.0 (the "License"). You may not use this product except in compliance with the License.</p> <p>This product may include a number of subcomponents with separate copyright notices and license terms. Your use of the source code for these subcomponents is subject to the terms and conditions of the subcomponent's license, as noted in the license.txt file.</p> <p>Apache License, Version 2.0 See <a href="#">Appendix E</a></p> <p>=====</p> <p>=====</p> <p>SPRING FRAMEWORK 4.0.2.RELEASE</p> <p>SUBCOMPONENTS:</p> <p>Spring Framework 4.0.2.RELEASE includes a number of subcomponents with separate copyright notices and license terms. The product that includes this file does not necessarily use all the open source subcomponents referred to below. Your use of the source code for these subcomponents is subject to the terms and conditions of the following licenses.</p> <p>&gt;&gt;&gt; ASM 4.0 (org.ow2.asm:asm:4.0, org.ow2.asm:asm-commons:4.0):</p> <p>Copyright (c) 2000-2011 INRIA, France Telecom</p> <p>All rights reserved.</p> <p>See <a href="#">Appendix M</a></p> <p>Copyright (c) 1999-2009, OW2 Consortium &lt;<a href="http://www.ow2.org/">http://www.ow2.org/</a>&gt;</p> <p>&gt; &gt;&gt;&gt; CGLIB 3.0 (cglib:cglib:3.0):</p> <p>Per the LICENSE file in the CGLIB JAR distribution downloaded from</p> <p><a href="http://sourceforge.net/projects/cglib/files/cglib3/3.0/cglib-3.0.jar/download">http://sourceforge.net/projects/cglib/files/cglib3/3.0/cglib-3.0.jar/download</a>,</p> <p>CGLIB 3.0 is licensed under the Apache License, version 2.0, the text of which is included above.</p> <p>=====</p> <p>=====</p> <p>To the extent any open source subcomponents are licensed under the EPL and/or other similar licenses that require the source code and/or modifications to source code to be made available (as would be noted above), you may obtain a copy of the source code corresponding to the binaries for such open source components and modifications thereto, if any, (the "Source Files"), by downloading the Source Files from <a href="http://www.springsource.org/download">http://www.springsource.org/download</a>, or by sending a request, with your name and address to:</p> <p>Pivotal, Inc., 875 Howard St,<br/>San Francisco, CA 94103<br/>United States of America</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>or email <a href="mailto:info@gopivotal.com">info@gopivotal.com</a>. All such requests should clearly specify:</p> <p>OPEN SOURCE FILES REQUEST</p> <p>Attention General Counsel</p> <p>Pivotal shall mail a copy of the Source Files to you on a CD or equivalent physical medium. This offer to obtain a copy of the Source Files is valid for three years from the date you acquired this Software product.</p> <p>Batch Applications for the Java Platform</p> <p>Version 1.0</p> <p>1</p> <p>License</p> <p>IBM Corporation (the "Spec Lead") for the Java Batch specification (the "Specification") hereby grants permission to copy and display the Specification, in any medium without fee or royalty, provided that you include the following on ALL copies, or portions thereof, that you make:</p> <ol style="list-style-type: none"> <li>1. A link or URL to the Specification at this location: <a href="http://jcp.org/aboutJava/communityprocess/final/jsr352/index.html">http://jcp.org/aboutJava/communityprocess/final/jsr352/index.html</a></li> <li>2. The copyright notice as shown herein. The Spec Lead offers to grant a perpetual, non - exclusive, worldwide, fully paid - up, royalty free, irrevocable license under its licensable copyrights and patent claims for which there is no technically feasible way of avoiding infringement in the course of implementing the Specification, provided that you: <ul style="list-style-type: none"> <li>(a) fully implement the Specification including all its required interfaces and functionality.</li> <li>(b) do not modify, subset, superset or otherwise extend the Specification's name space;</li> <li>(c) pass the TCK for this Specification; and</li> <li>(d) grant a reciprocal license to any of your patents necessary to implement required portions of the Specification on terms consistent with the provisions of Section 6.A of the Java Specification Participation Agreement.</li> </ul> </li> </ol> <p>THE SPECIFICATION IS PROVIDED "AS IS," AND THE SPEC LEAD AND ANY OTHER AUTHORS MAKE NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, NONINFRINGEMENT, OR TITLE; THAT THE CONTENTS OF THE SPECIFICATION ARE SUITABLE FOR ANY PURPOSE; NOR THAT THE IMPLEMENTATION OF SUCH CONTENTS WILL NOT INFRINGE ANY THIRD PARTY PATENTS, COPYRIGHTS, TRADEMARKS OR OTHER RIGHTS. THE SPEC LEAD AND ANY OTHER AUTHORS WILL NOT BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>OF ANY USE OF THE SPECIFICATION OR THE PERFORMANCE OR IMPLEMENTATION OF THE CONTENTS THEREOF.</p> <p>The name and trademarks of the Spec Lead or any other Authors may NOT be used in any manner, including advertising or publicity pertaining to the Specification or its contents without specific, written prior permission. Title to copyright in the Specification will at all times remain with the Authors. No other rights are granted by implication, estoppel or otherwise.</p> <p>CDDL licence for jms api 2.0.1</p> <p>1. Definitions.</p> <p>1.1. "Contributor" means each individual or entity that creates or contributes to the creation of Modifications.</p> <p>1.2. "Contributor Version" means the combination of the Original Software, prior Modifications used by a Contributor (if any), and the Modifications made by that particular Contributor.</p> <p>1.3. "Covered Software" means (a) the Original Software, or (b) Modifications, or (c) the combination of files containing Original Software with files containing Modifications, in each case including portions thereof.</p> <p>1.4. "Executable" means the Covered Software in any form other than Source Code.</p> <p>1.5. "Initial Developer" means the individual or entity that first makes Original Software available under this License.</p> <p>1.6. "Larger Work" means a work which combines Covered Software or portions thereof with code not governed by the terms of this License.</p> <p>1.7. "License" means this document.</p> <p>1.8. "Licensable" means having the right to grant, to the maximum extent possible, whether at the time of the initial grant or subsequently acquired, any and all of the rights conveyed herein.</p> <p>1.9. "Modifications" means the Source Code and Executable form of any of the following: A. Any file that results from an addition to, deletion from or modification of the contents of a file containing Original Software or previous Modifications; B. Any new file that contains any part of the Original Software or previous Modification; or C. Any new file that is contributed or otherwise made available under the terms of this License.</p> <p>1.10. "Original Software" means the Source Code and Executable form of computer software code that is originally released under this License.</p> <p>1.11. "Patent Claims" means any patent claim(s), now owned or hereafter acquired, including without limitation, method, process, and apparatus claims, in any patent Licensable by grantor.</p> <p>1.12. "Source Code" means (a) the common form of computer software code in which modifications are made</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>and (b) associated documentation included in or with such code.</p> <p>1.13. "You" (or "Your") means an individual or a legal entity exercising rights under, and complying with all of the terms of, this License. For legal entities, "You" includes any entity which controls, is controlled by, or is under common control with You. For purposes of this definition, "control" means (a) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (b) ownership of more than fifty percent (50%) of the outstanding shares or beneficial ownership of such entity.</p> <p>2. License Grants.</p> <p>2.1. The Initial Developer Grant.</p> <p>Conditioned upon Your compliance with Section 3.1 below and subject to third party intellectual property claims, the Initial Developer hereby grants You a world-wide, royalty-free, non-exclusive license:</p> <p>(a) under intellectual property rights (other than patent or trademark) Licensable by Initial Developer, to use, reproduce, modify, display, perform, sublicense and distribute the Original Software (or portions thereof), with or without Modifications, and/or as part of a Larger Work; and</p> <p>(b) under Patent Claims infringed by the making, using or selling of Original Software, to make, have made, use, practice, sell, and offer for sale, and/or otherwise dispose of the Original Software (or portions thereof).</p> <p>(c) The licenses granted in Sections 2.1(a) and (b) are effective on the date Initial Developer first distributes or otherwise makes the Original Software available to a third party under the terms of this License.</p> <p>(d) Notwithstanding Section 2.1(b) above, no patent license is granted: (1) for code that You delete from the Original Software, or (2) for infringements caused by: (i) the modification of the Original Software, or (ii) the combination of the Original Software with other software or devices.</p> <p>2.2. Contributor Grant.</p> <p>Conditioned upon Your compliance with Section 3.1 below and subject to third party intellectual property claims, each Contributor hereby grants You a world-wide, royalty-free, non-exclusive license:</p> <p>(a) under intellectual property rights (other than patent or trademark) Licensable by Contributor to use, reproduce, modify, display, perform, sublicense and distribute the Modifications created by such Contributor (or portions thereof), either on an unmodified basis, with other Modifications, as Covered Software and/or as part of a Larger Work; and</p> <p>(b) under Patent Claims infringed by the making, using, or selling of Modifications made by that Contributor either alone and/or in combination with its Contributor Version (or portions of such combination), to make, use, sell, offer for sale, have made, and/or otherwise dispose of: (1) Modifications made by that Contributor (or portions thereof);</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>and (2) the combination of Modifications made by that Contributor with its Contributor Version (or portions of such combination).</p> <p>(c) The licenses granted in Sections 2.2(a) and 2.2(b) are effective on the date Contributor first distributes or otherwise makes the Modifications available to a third party.</p> <p>(d) Notwithstanding Section 2.2(b) above, no patent license is granted: (1) for any code that Contributor has deleted from the Contributor Version;(2) for infringements caused by: (i) third party modifications of Contributor Version, or (ii) the combination of Modifications made by that Contributor with other software (except as part of the Contributor Version) or other devices; or (3) under Patent Claims infringed by Covered Software in the absence of Modifications made by that Contributor.</p> <p>3. Distribution Obligations.</p> <p>3.1. Availability of Source Code.</p> <p>Any Covered Software that You distribute or otherwise make available in Executable form must also be made available in Source Code form and that Source Code form must be distributed only under the terms of this License. You must include a copy of this License with every copy of the Source Code form of the Covered Software You distribute or otherwise make available. You must inform recipients of any such Covered Software in Executable form as to how they can obtain such Covered Software in Source Code form in a reasonable manner on or through a medium customarily used for software exchange.</p> <p>3.2. Modifications.</p> <p>The Modifications that You create or to which You contribute are governed by the terms of this License. You represent that You believe Your Modifications are Your original creation(s) and/or You have sufficient rights to grant the rights conveyed by this License.</p> <p>3.3. Required Notices.</p> <p>You must include a notice in each of Your Modifications that identifies You as the Contributor of the Modification. You may not remove or alter any copyright, patent or trademark notices contained within the Covered Software, or any notices of licensing or any descriptive text giving attribution to any Contributor or the Initial Developer.</p> <p>3.4. Application of Additional Terms.</p> <p>You may not offer or impose any terms on any Covered Software in Source Code form that alters or restricts the applicable version of this License or the recipients' rights hereunder. You may choose to offer, and to charge a fee for, warranty, support, indemnity or liability obligations to one or more recipients of Covered Software. However, you may do so only on Your own behalf, and not on behalf of the Initial Developer or any Contributor. You must make it absolutely clear that any such warranty, support, indemnity or liability obligation is offered by You alone, and You hereby agree to indemnify the Initial Developer and every Contributor for any liability incurred by the Initial Developer or such Contributor</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>as a result of warranty, support, indemnity or liability terms You offer.</p> <p>3.5. Distribution of Executable Versions.</p> <p>You may distribute the Executable form of the Covered Software under the terms of this License or under the terms of a license of Your choice, which may contain terms different from this License, provided that You are in compliance with the terms of this License and that the license for the Executable form does not attempt to limit or alter the recipient's rights in the Source Code form from the rights set forth in this License. If You distribute the Covered Software in Executable form under a different license, You must make it absolutely clear that any terms which differ from this License are offered by You alone, not by the Initial Developer or Contributor. You hereby agree to indemnify the Initial Developer and every Contributor for any liability incurred by the Initial Developer or such Contributor as a result of any such terms You offer.</p> <p>3.6. Larger Works.</p> <p>You may create a Larger Work by combining Covered Software with other code not governed by the terms of this License and distribute the Larger Work as a single product. In such a case, You must make sure the requirements of this License are fulfilled for the Covered Software.</p> <p>4. Versions of the License.</p> <p>4.1. New Versions.</p> <p>Oracle is the initial license steward and may publish revised and/or new versions of this License from time to time. Each version will be given a distinguishing version number. Except as provided in Section 4.3, no one other than the license steward has the right to modify this License.</p> <p>4.2. Effect of New Versions.</p> <p>You may always continue to use, distribute or otherwise make the Covered Software available under the terms of the version of the License under which You originally received the Covered Software. If the Initial Developer includes a notice in the Original Software prohibiting it from being distributed or otherwise made available under any subsequent version of the License, You must distribute and make the Covered Software available under the terms of the version of the License under which You originally received the Covered Software. Otherwise, You may also choose to use, distribute or otherwise make the Covered Software available under the terms of any subsequent version of the License published by the license steward.</p> <p>4.3. Modified Versions.</p> <p>When You are an Initial Developer and You want to create a new license for Your Original Software, You may create and use a modified version of this License if You: (a) rename the license and remove any references to the name of the license steward (except to note that the license differs from this License); and (b) otherwise make it clear that the license contains terms which differ from this License.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>5. DISCLAIMER OF WARRANTY.</p> <p>COVERED SOFTWARE IS PROVIDED UNDER THIS LICENSE ON AN "AS IS" BASIS, WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, WITHOUT LIMITATION, WARRANTIES THAT THE COVERED SOFTWARE IS FREE OF DEFECTS, MERCHANTABLE, FIT FOR A PARTICULAR PURPOSE OR NON-INFRINGEMENT. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE COVERED SOFTWARE IS WITH YOU. SHOULD ANY COVERED SOFTWARE PROVE DEFECTIVE IN ANY RESPECT, YOU (NOT THE INITIAL DEVELOPER OR ANY OTHER CONTRIBUTOR) ASSUME THE COST OF ANY NECESSARY SERVICING, REPAIR OR CORRECTION. THIS DISCLAIMER OF WARRANTY CONSTITUTES AN ESSENTIAL PART OF THIS LICENSE. NO USE OF ANY COVERED SOFTWARE IS AUTHORIZED HEREUNDER EXCEPT UNDER THIS DISCLAIMER.</p> <p>6. TERMINATION.</p> <p>6.1. This License and the rights granted hereunder will terminate automatically if You fail to comply with terms herein and fail to cure such breach within 30 days of becoming aware of the breach. Provisions which, by their nature, must remain in effect beyond the termination of this License shall survive.</p> <p>6.2. If You assert a patent infringement claim (excluding declaratory judgment actions) against Initial Developer or a Contributor (the Initial Developer or Contributor against whom You assert such claim is referred to as "Participant") alleging that the Participant Software (meaning the Contributor Version where the Participant is a Contributor or the Original Software where the Participant is the Initial Developer) directly or indirectly infringes any patent, then any and all rights granted directly or indirectly to You by such Participant, the Initial Developer (if the Initial Developer is not the Participant) and all Contributors under Sections 2.1 and/or 2.2 of this License shall, upon 60 days notice from Participant terminate prospectively and automatically at the expiration of such 60 day notice period, unless if within such 60 day period You withdraw Your claim with respect to the Participant Software against such Participant either unilaterally or pursuant to a written agreement with Participant.</p> <p>6.3. If You assert a patent infringement claim against Participant alleging that the Participant Software directly or indirectly infringes any patent where such claim is resolved (such as by license or settlement) prior to the initiation of patent infringement litigation, then the reasonable value of the licenses granted by such Participant under Sections 2.1 or 2.2 shall be taken into account in determining the amount or value of any payment or license.</p> <p>6.4. In the event of termination under Sections 6.1 or 6.2 above, all end user licenses that have been validly granted by You or any distributor hereunder prior to termination</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>(excluding licenses granted to You by any distributor) shall survive termination.</p> <p>7. LIMITATION OF LIABILITY.</p> <p>UNDER NO CIRCUMSTANCES AND UNDER NO LEGAL THEORY, WHETHER TORT (INCLUDING NEGLIGENCE), CONTRACT, OR OTHERWISE, SHALL YOU, THE INITIAL DEVELOPER, ANY OTHER CONTRIBUTOR, OR ANY DISTRIBUTOR OF COVERED SOFTWARE, OR ANY SUPPLIER OF ANY OF SUCH PARTIES, BE LIABLE TO ANY PERSON FOR ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES OF ANY CHARACTER INCLUDING, WITHOUT LIMITATION, DAMAGES FOR LOSS OF GOODWILL, WORK STOPPAGE, COMPUTER FAILURE OR MALFUNCTION, OR ANY AND ALL OTHER COMMERCIAL DAMAGES OR LOSSES, EVEN IF SUCH PARTY SHALL HAVE BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. THIS LIMITATION OF LIABILITY SHALL NOT APPLY TO LIABILITY FOR DEATH OR PERSONAL INJURY RESULTING FROM SUCH PARTY'S NEGLIGENCE TO THE EXTENT APPLICABLE LAW PROHIBITS SUCH LIMITATION. SOME JURISDICTIONS DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THIS EXCLUSION AND LIMITATION MAY NOT APPLY TO YOU.</p> <p>8. U.S. GOVERNMENT END USERS.</p> <p>The Covered Software is a "commercial item," as that term is defined in 48 C.F.R. 2.101 (Oct. 1995), consisting of "commercial computer software" (as that term is defined at 48 C.F.R. § 252.227-7014(a)(1)) and "commercial computer software documentation" as such terms are used in 48 C.F.R. 12.212 (Sept. 1995). Consistent with 48 C.F.R. 12.212 and 48 C.F.R. 227.7202-1 through 227.7202-4 (June 1995), all U.S. Government End Users acquire Covered Software with only those rights set forth herein. This U.S. Government Rights clause is in lieu of, and supersedes, any other FAR, DFAR, or other clause or provision that addresses Government rights in computer software under this License.</p> <p>9. MISCELLANEOUS.</p> <p>This License represents the complete agreement concerning subject matter hereof. If any provision of this License is held to be unenforceable, such provision shall be reformed only to the extent necessary to make it enforceable. This License shall be governed by the law of the jurisdiction specified in a notice contained within the Original Software (except to the extent applicable law, if any, provides otherwise), excluding such jurisdiction's conflict-of-law provisions. Any litigation relating to this License shall be subject to the jurisdiction of the courts located in the jurisdiction and venue specified in a notice contained within the Original Software, with the losing party responsible for costs, including, without limitation, court costs and reasonable attorneys' fees and expenses. The application of the United Nations Convention on Contracts for the International Sale of Goods is expressly excluded. Any law or regulation which provides that the language of a contract shall be construed against the drafter shall not apply</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>to this License. You agree that You alone are responsible for compliance with the United States export administration regulations (and the export control laws and regulation of any other countries) when You use, distribute or otherwise make available any Covered Software.</p> <p>10. RESPONSIBILITY FOR CLAIMS.</p> <p>As between Initial Developer and the Contributors, each party is responsible for claims and damages arising, directly or indirectly, out of its utilization of rights under this License and You agree to work with Initial Developer and Contributors to distribute such responsibility on an equitable basis. Nothing herein is intended or shall be deemed to constitute any admission of liability.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider               | Component (s)                       | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|------------------------|-------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Pivotal Software, Inc. | Spring Cloud Contract 2.2.3.RELEASE | <p>Copyright 2012-2020 the original author or authors.<br/>Apache License, Version 2.0 See <a href="#">Appendix E</a></p> <p>+++++</p> <p>groovy, 2.5.10, Apache 2.0<br/>Apache Groovy<br/>Copyright 2003-2020 The Apache Software Foundation<br/>This product includes software developed at The Apache Software Foundation (<a href="http://www.apache.org/">http://www.apache.org/</a>).</p> <p>This product bundles icons from the famfamfam.com silk icons set<br/><a href="http://www.famfamfam.com/lab/icons/silk/">http://www.famfamfam.com/lab/icons/silk/</a><br/>Licensed under the Creative Commons Attribution Licence v2.5<br/><a href="http://creativecommons.org/licenses/by/2.5/">http://creativecommons.org/licenses/by/2.5/</a></p> <p>+++++</p> <p>org.apache.camel, v3.1.0, Apache 2.0<br/>Licensed to the Apache Software Foundation (ASF) under one or more contributor license agreements. See the NOTICE file distributed with this work for additional information regarding copyright ownership.<br/>The ASF licenses this file to You under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a><br/>Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.<br/>See the License for the specific language governing permissions and limitations under the License.</p> <p>+++++</p> <p>commons-text, v1.8, Apache 2.0<br/>Apache Commons Text<br/>Copyright 2014-2020 The Apache Software Foundation<br/>This product includes software developed at The Apache Software Foundation (<a href="https://www.apache.org/">https://www.apache.org/</a>).</p> <p>+++++</p> <p>org.jetbrains.kotlin, v1.3.72, Apache 2.0<br/>Kotlin Compiler<br/>Copyright 2010-2020 JetBrains s.r.o and respective authors and developers</p> <p>=====</p> <p>=====</p> <p>== NOTICE file corresponding to the section 4 d of ==<br/>== the Apache License, Version 2.0, ==<br/>== in this case for the Kotlin Compiler distribution. ==</p> |

Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <div>=====</div> <div>=====</div> <div>+++++</div> <div>io.rest-assured, v4.2.0, Apache 2.0</div> <div>/*</div> <div>* Copyright 2020 the original author or authors.</div> <div>Licensed under the Apache License, Version 2.0 (the</div> <div>"License"); you may not use this file except in compliance</div> <div>with the License.</div> <div>You may obtain a copy of the License at <a href="http://www.apache.org/licenses/LICENSE-2.0">http://</a></div> <div><a href="http://www.apache.org/licenses/LICENSE-2.0">www.apache.org/licenses/LICENSE-2.0</a>Unless required by</div> <div>applicable law or agreed to in writing, software distributed</div> <div>under the License is distributed on an "AS IS" BASIS,</div> <div>WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND,</div> <div>either express or implied.</div> <div>See the License for the specific language governing</div> <div>permissions and limitations under the License.</div> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider         | Component (s)                      | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|------------------|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Pivotal Software | Spring Cloud Starter Gateway 3.0.3 | <p>TOP-LEVEL COPYRIGHT NOTICE for<br/>org.springframework.cloud:spring-cloud-starter-gateway:3.0.3</p> <p>© 2021 VMware, Inc. or its affiliates</p> <p>-----separator-----</p> <p>TOP-LEVEL LICENSE TEXT for<br/>org.springframework.cloud:spring-cloud-starter-gateway:3.0.3</p> <p>Apache License - See <a href="#">Appendix E</a></p> <p>-----separator-----</p> <p>FOURTH-PARTY DEPENDENCY #1<br/>org.springframework.cloud:spring-cloud-starter 3.0.3</p> <p>FOURTH-PARTY DEPENDENCY #2<br/>org.springframework.cloud:spring-cloud-gateway-server 3.0.3</p> <p>FOURTH-PARTY DEPENDENCY #3<br/>org.springframework.boot:spring-boot-starter-webflux 2.5.2</p> <p>FOURTH-PARTY DEPENDENCY #4<br/>org.springframework.boot:spring-boot-starter 2.5.2</p> <p>FOURTH-PARTY DEPENDENCY #5<br/>org.springframework.boot:spring-boot-starter-json:2.5.2</p> <p>FOURTH-PARTY DEPENDENCY #6<br/>org.springframework.boot:spring-boot-starter-reactor-netty:2.5.2</p> <p>FOURTH-PARTY DEPENDENCY #7<br/>org.springframework.boot:spring-boot-starter-validation:2.5.2</p> <p>FOURTH-PARTY DEPENDENCY #8<br/>io.projectreactor.netty:reactor-netty:1.0.8</p> <p>FOURTH-PARTY DEPENDENCY #9<br/>io.projectreactor.addons:reactor-extra:3.4.3</p> <p>FOURTH-PARTY DEPENDENCY #10 reactor:reactor-core:3.4.7</p> <p>COMMON COPYRIGHT NOTICES</p> <p>© 2021 VMware, Inc. or its affiliates</p> <p>COMMON LICENSE NOTICES</p> <p>Apache License, Version 2.0</p> <p>Please refer to Apache License text mentioned under TOP-LEVEL LICENSE TEXT</p> <p>-----separator-----</p> <p>FOURTH-PARTY DEPENDENCY #1<br/>org.springframework:spring-web:5.3.8</p> <p>FOURTH-PARTY DEPENDENCY #2<br/>org.springframework:spring-beans:5.3.8</p> <p>FOURTH-PARTY DEPENDENCY #3<br/>org.springframework:spring-core:5.3.8</p> <p>FOURTH-PARTY DEPENDENCY #4<br/>org.springframework:spring-webflux:5.3.8</p> <p>COMMON COPY RIGHT TEXT</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>© 2021 VMware, Inc. or its affiliates. Terms of Use • Privacy • Trademark Guidelines</p> <p>Apache®, Apache Tomcat®, Apache Kafka®, Apache Cassandra™, and Apache Geode™ are trademarks or registered trademarks of the Apache Software Foundation in the United States and/or other countries. Java™, Java™ SE, Java™ EE, and OpenJDK™ are trademarks of Oracle and/or its affiliates. Kubernetes® is a registered trademark of the Linux Foundation in the United States and other countries. Linux® is the registered trademark of Linus Torvalds in the United States and other countries. Windows® and Microsoft® Azure are registered trademarks of Microsoft Corporation. “AWS” and “Amazon Web Services” are trademarks or registered trademarks of Amazon.com Inc. or its affiliates. All other trademarks and copyrights are property of their respective owners and are only mentioned for informative purposes. Other names may be trademarks of their respective owners.</p> <p>COMMON LICENSE NOTICES</p> <p>Please refer to Apache License text mentioned under TOP-LEVEL LICENSE TEXT</p> <p>-----separator-----</p> <p>FOURTH-PARTY DEPENDENCY #1 org.jboss.logging:jboss-logging:3.4.2.Final</p> <p>FOURTH-PARTY DEPENDENCY #2<br/>com.fasterxml:classmate:1.5.1</p> <p>COMMON LICENSE TEXT</p> <p>Please refer to Apache License text mentioned under TOP-LEVEL LICENSE TEXT</p> <p>COMMON NOTICE</p> <p># Jackson JSON processor</p> <p>Jackson is a high-performance, Free/Open Source JSON processing library.</p> <p>It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007.</p> <p>It is currently developed by a community of developers, as well as supported commercially by FasterXML.com.</p> <p>## Licensing</p> <p>Jackson core and extension components may licensed under different licenses. To find the details that apply to this artifact see the accompanying LICENSE file. For more information, including possible other licensing options, contact FasterXML.com (<a href="http://fasterxml.com">http://fasterxml.com</a>).</p> <p>## Credits</p> <p>A list of contributors may be found from CREDITS file, which is included in some artifacts (usually source distributions); but is always available from the source code management (SCM) system project uses.</p> <p>-----seperator-----</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>FOURTH-PARTY DEPENDENCY #1<br/>jakarta.validation:jakarta.validation-api:2.0.2</p> <p>FOURTH-PARTY DEPENDENCY #2<br/>org.hibernate.validator:hibernate-validator:6.2.0.Final</p> <p>COPYRIGHT TEXT<br/>Copyright © Red Hat, Inc.</p> <p>LICENSE TEXT<br/>Please refer to Apache License text mentioned under TOP-LEVEL LICENSE TEXT</p> <p>-----seperator-----</p> <p>FOURTH-PARTY DEPENDENCY #1<br/>org.reactivestreams:reactive-streams:1.0.3</p> <p>Licensed under Public Domain (CC0)<br/>To the extent possible under law, the person who associated CC0 with this code has waived all copyright and related or neighboring rights to this code.<br/>You should have received a copy of the CC0 legalcode along with this work. If not, see &lt;<a href="http://creativecommons.org/publicdomain/zero/1.0/">http://creativecommons.org/publicdomain/zero/1.0/</a>&gt;</p> <p>-----seperator-----</p> <p>FOURTH-PARTY DEPENDENCY #1 io.netty:netty-codec-http:4.1.63.Final</p> <p>FOURTH-PARTY DEPENDENCY #2 io.netty:netty-common:4.1.63.Final</p> <p>FOURTH-PARTY DEPENDENCY #3 io.netty:netty-buffer:4.1.63.Final</p> <p>FOURTH-PARTY DEPENDENCY #4 io.netty:netty-transport:4.1.63.Final</p> <p>FOURTH-PARTY DEPENDENCY #5 io.netty:netty-resolver:4.1.63.Final</p> <p>FOURTH-PARTY DEPENDENCY #6 io.netty:netty-codec:4.1.63.Final</p> <p>FOURTH-PARTY DEPENDENCY #7 io.netty:netty-handler:4.1.63.Final</p> <p>FOURTH-PARTY DEPENDENCY #8 io.netty:netty-codec-http2:4.1.63.Final</p> <p>FOURTH-PARTY DEPENDENCY #9 io.netty:netty-handler:4.1.63.Final</p> <p>FOURTH-PARTY DEPENDENCY #10 io.netty:netty-codec-http:4.1.63.Final</p> <p>FOURTH-PARTY DEPENDENCY #11 io.netty:netty-handler-proxy: 4.1.63.Final</p> <p>FOURTH-PARTY DEPENDENCY #12 io.netty:netty-codec-socks:4.1.63.Final</p> <p>FOURTH-PARTY DEPENDENCY #13 io.netty:netty-transport-native-epoll: 4.1.63.Final</p> <p>FOURTH-PARTY DEPENDENCY #14 io.netty:netty-transport-native-unix-common:4.1.63.Final</p> <p>COMMON LICENSE TEXT</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Please refer to Apache License text mentioned under TOP-LEVEL LICENSE TEXT</p> <p>COMMON COPYRIGHT NOTICE TEXT</p> <p>The Netty Project</p> <p>=====</p> <p>Please visit the Netty web site for more information:</p> <p>* <a href="https://netty.io/">https://netty.io/</a></p> <p>Copyright 2014 The Netty Project</p> <p>The Netty Project licenses this file to you under the Apache License, version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at :</p> <p>Please refer to Apache License text mentioned under TOP-LEVEL LICENSE TEXT</p> <p><a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.</p> <p>Also, please refer to each LICENSE.&lt;component&gt;.txt file, which is located in the 'license' directory of the distribution file, for the license terms of the components that this product depends on.</p> <p>-----</p> <p>--&gt; This product contains the extensions to Java Collections Framework which has been derived from the works by JSR-166 EG, Doug Lea, and Jason T. Greene:</p> <p>* LICENSE:</p> <p>* <a href="#">license/LICENSE.jsr166y.txt</a> (Public Domain)</p> <p>* HOMEPAGE:</p> <p>* <a href="http://gee.cs.oswego.edu/cgi-bin/viewcvs.cgi/jsr166/">http://gee.cs.oswego.edu/cgi-bin/viewcvs.cgi/jsr166/</a></p> <p>* <a href="http://viewvc.jboss.org/cgi-bin/viewvc.cgi/jboss/cache/experimental/jsr166/">http://viewvc.jboss.org/cgi-bin/viewvc.cgi/jboss/cache/experimental/jsr166/</a></p> <p>--&gt; This product contains a modified version of Robert Harder's Public Domain Base64 Encoder and Decoder, which can be obtained at:</p> <p>* LICENSE:</p> <p>* <a href="#">license/LICENSE.base64.txt</a> (Public Domain)</p> <p>* HOMEPAGE:</p> <p>* <a href="http://iharder.sourceforge.net/current/java/base64/">http://iharder.sourceforge.net/current/java/base64/</a></p> <p>COMMON LICENSE TEXT for Public Domain:</p> <p>The person or persons who have associated work with this document (the "Dedicator" or "Certifier") hereby either (a) certifies that, to the best of his knowledge, the work of authorship identified is in the public domain of the country from which the work is published, or (b) hereby dedicates whatever copyright the dedicators holds in the work of authorship identified below (the "Work") to the public domain. A certifier, moreover, dedicates any copyright interest he may</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>have in the associated work, and for these purposes, is described as a "dedicator" below.</p> <p>A certifier has taken reasonable steps to verify the copyright status of this work. Certifier recognizes that his good faith efforts may not shield him from liability if in fact the work certified is not in the public domain.</p> <p>Dedicator makes this dedication for the benefit of the public at large and to the detriment of the Dedicator's heirs and successors. Dedicator intends this dedication to be an overt act of relinquishment in perpetuity of all present and future rights under copyright law, whether vested or contingent, in the Work. Dedicator understands that such relinquishment of all rights includes the relinquishment of all rights to enforce (by lawsuit or otherwise) those copyrights in the Work.</p> <p>Dedicator recognizes that, once placed in the public domain, the Work may be freely reproduced, distributed, transmitted, used, modified, built upon, or otherwise exploited by anyone for any purpose, commercial or non-commercial, and in any way, including by methods that have not yet been invented or conceived.</p> <p>--&gt; This product contains a modified portion of 'Webbit', an event based WebSocket and HTTP server, which can be obtained at:</p> <p>* LICENSE:</p> <p>* license/LICENSE.webbit.txt (BSD License)</p> <p>* HOMEPAGE:</p> <p>* <a href="https://github.com/joewalnes/webbit">https://github.com/joewalnes/webbit</a> LICENSE TEXT : (BSD License: <a href="http://www.opensource.org/licenses/bsd-license">http://www.opensource.org/licenses/bsd-license</a>) Copyright (c) 2011, Joe Walnes, Aslak Hellesøy and contributors All rights reserved.</p> <p>See <a href="#">Appendix M</a></p> <p>--&gt; This product contains a modified portion of 'SLF4J', a simple logging facade for Java, which can be obtained at:</p> <p>* LICENSE:</p> <p>* license/LICENSE.slf4j.txt (MIT License)</p> <p>* HOMEPAGE:</p> <p>* <a href="http://www.slf4j.org/">http://www.slf4j.org/</a> LICENSE TEXT :</p> <p>/*</p> <p>* Copyright (c) 2004-2007 QOS.ch</p> <p>* All rights reserved.</p> <p>*</p> <p>See <a href="#">Appendix G</a></p> <p>*/</p> <p>--&gt; This product contains a modified portion of 'Apache Harmony', an open source Java SE, which can be obtained at:</p> <p>* NOTICE:</p> <p>* license/NOTICE.harmony.txt</p> <p>* LICENSE:</p> <p>* license/LICENSE.harmony.txt (Apache License 2.0)</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>* HOMEPAGE:<br/> * <a href="http://archive.apache.org/dist/harmony/">http://archive.apache.org/dist/harmony/</a> NOTICE TEXT:<br/> Apache Harmony<br/> Copyright 2006, 2010 The Apache Software Foundation.<br/> This product includes software developed at<br/> The Apache Software Foundation (<a href="http://www.apache.org/">http://www.apache.org/</a>).<br/> LICENSE TEXT for Apache License 2.0 is provided below<br/> under COMMON LICENSE TEXT.<br/> --&gt;This product optionally depends on 'lz4', a LZ4 Java<br/> compression and decompression library written by Adrien<br/> Grand. It can be obtained at:<br/> * LICENSE:<br/> * <a href="#">license/LICENSE.lz4.txt</a> (Apache License 2.0)<br/> * HOMEPAGE:<br/> * <a href="https://github.com/jpountz/lz4-java">https://github.com/jpountz/lz4-java</a><br/> LICENSE TEXT for Apache License 2.0 is provided below<br/> under COMMON LICENSE TEXT.<br/> --&gt; This product optionally depends on 'lzma-java', a LZMA<br/> Java compression and decompression library, which can be<br/> obtained at:<br/> * LICENSE:<br/> * <a href="#">license/LICENSE.lzma-java.txt</a> (Apache License 2.0)<br/> * HOMEPAGE:<br/> * <a href="https://github.com/jponge/lzma-java">https://github.com/jponge/lzma-java</a><br/> LICENSE TEXT for Apache License 2.0 is provided below<br/> under COMMON LICENSE TEXT.<br/> --&gt; This product optionally depends on 'JBoss Marshalling',<br/> an alternative Java serialization API, which can be obtained<br/> at:<br/> * LICENSE:<br/> * <a href="#">license/LICENSE.jboss-marshalling.txt</a> (Apache License<br/> 2.0)<br/> * HOMEPAGE:<br/> * <a href="https://github.com/jboss-remoting/jboss-marshalling">https://github.com/jboss-remoting/jboss-marshalling</a><br/> LICENSE TEXT for Apache License 2.0 is provided below<br/> under COMMON LICENSE TEXT.<br/> --&gt; This product optionally depends on 'Caliper', Google's<br/> micro- benchmarking framework, which can be obtained at:<br/> * LICENSE:<br/> * <a href="#">license/LICENSE.caliper.txt</a> (Apache License 2.0)<br/> * HOMEPAGE:<br/> * <a href="https://github.com/google/caliper">https://github.com/google/caliper</a> LICENSE TEXT for<br/> Apache License 2.0 is provided below under COMMON<br/> LICENSE TEXT.<br/> --&gt; This product optionally depends on 'Apache Commons<br/> Logging', a logging framework, which can be obtained at:<br/> * LICENSE:</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>* license/LICENSE.commons-logging.txt (Apache License 2.0)</p> <p>* HOMEPAGE:</p> <p>* <a href="http://commons.apache.org/logging/">http://commons.apache.org/logging/</a></p> <p>LICENSE TEXT for Apache License 2.0 is provided below under COMMON LICENSE TEXT.</p> <p>--&gt; This product optionally depends on 'Apache Log4J', a logging framework, which can be obtained at:</p> <p>* LICENSE:</p> <p>* license/LICENSE.log4j.txt (Apache License 2.0)</p> <p>* HOMEPAGE:</p> <p>* <a href="http://logging.apache.org/log4j/">http://logging.apache.org/log4j/</a></p> <p>LICENSE TEXT for Apache License 2.0 is provided below under COMMON LICENSE TEXT.</p> <p>--&gt; This product contains a modified version of 'HPACK', a Java implementation of the HTTP/2 HPACK algorithm written by Twitter. It can be obtained at:</p> <p>* LICENSE:</p> <p>* license/LICENSE.hpack.txt (Apache License 2.0)</p> <p>* HOMEPAGE:</p> <p>* <a href="https://github.com/twitter/hpack">https://github.com/twitter/hpack</a> LICENSE TEXT for Apache License 2.0 is provided below under COMMON LICENSE TEXT.</p> <p>--&gt; This product contains a modified portion of 'Apache Commons Lang', a Java library provides utilities for the java.lang API, which can be obtained at:</p> <p>* LICENSE:</p> <p>* license/LICENSE.commons-lang.txt (Apache License 2.0)</p> <p>* HOMEPAGE:</p> <p>* <a href="https://commons.apache.org/proper/commons-lang/">https://commons.apache.org/proper/commons-lang/</a></p> <p>LICENSE TEXT for Apache License 2.0 is provided below under COMMON LICENSE TEXT.</p> <p>--&gt; This product contains the Maven wrapper scripts from 'Maven Wrapper', that provides an easy way to ensure a user has everything necessary to run the Maven build.</p> <p>LICENSE:</p> <p>* license/LICENSE.mvn-wrapper.txt (Apache License 2.0)</p> <p>* HOMEPAGE:</p> <p>* <a href="https://github.com/takari/maven-wrapper">https://github.com/takari/maven-wrapper</a></p> <p>LICENSE TEXT for Apache License 2.0 is provided below under</p> <p>COMMON LICENSE TEXT. COMMON LICENSE TEXT for Apache License 2.0 :</p> <p>Please refer to Apache License text mentioned under TOP-LEVEL LICENSE TEXT</p> <p>--&gt; This product contains a modified portion of 'jzip2', a Java bzip2 compression and decompression library written by Matthew J. Francis. It can be obtained at:</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>* LICENSE:</p> <p>* license/LICENSE.jbzip2.txt (MIT License)</p> <p>* HOMEPAGE:</p> <p>* <a href="https://code.google.com/p/jbzip2/">https://code.google.com/p/jbzip2/</a></p> <p>LICENSE TEXT: Copyright (c) 2010-2011 Matthew J. Francis and Contributors of the jbzip2 Project</p> <p>See <a href="#">Appendix G</a></p> <p>--&gt; This product contains a modified portion of 'libdivsufsort', a C API library to construct the suffix array and the Burrows-Wheeler transformed string for any input string of a constant-size alphabet written by Yuta Mori. It can be obtained at:</p> <p>* LICENSE:</p> <p>* license/LICENSE.libdivsufsort.txt (MIT License)</p> <p>* HOMEPAGE:</p> <p>* <a href="https://github.com/y-256/libdivsufsort">https://github.com/y-256/libdivsufsort</a></p> <p>LICENSE TEXT: Copyright (c) 2003-2008 Yuta Mori All Rights Reserved.</p> <p>See <a href="#">Appendix G</a></p> <p>--&gt; This product contains a modified portion of Nitsan Wakart's 'JCTools', Java Concurrency Tools for the JVM, which can be obtained at:</p> <p>* LICENSE:</p> <p>* license/LICENSE.jctools.txt (ASL2 License)</p> <p>* HOMEPAGE:</p> <p>* <a href="https://github.com/JCTools/JCTools">https://github.com/JCTools/JCTools</a></p> <p>LICENSE TEXT: Please refer to Apache License text mentioned under TOP-LEVEL LICENSE TEXT</p> <p>--&gt; This product optionally depends on 'JZlib', a re-implementation of zlib in pure Java, which can be obtained at:</p> <p>* LICENSE:</p> <p>* license/LICENSE.jzlib.txt (BSD style License)</p> <p>* HOMEPAGE:</p> <p>* <a href="http://www.jcraft.com/jzlib/">http://www.jcraft.com/jzlib/</a> LICENSE TEXT:</p> <p>Copyright (c) 2000,2001,2002,2003,2004 ymnk, JCraft, Inc. All rights reserved.</p> <p>See <a href="#">Appendix M</a></p> <p>--&gt; This product optionally depends on 'Compress-LZF', a Java library for encoding and decoding data in LZF format, written by Tatu Saloranta. It can be obtained at:</p> <p>* LICENSE:</p> <p>* license/LICENSE.compress-lzf.txt (Apache License 2.0)</p> <p>* HOMEPAGE:</p> <p>* <a href="https://github.com/ning/compress">https://github.com/ning/compress</a></p> <p>LICENSE TEXT:</p> <p>Copyright 2009-2010 Ning, Inc.</p> <p>Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>with the License. You may obtain a copy of the License at <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.</p> <p>--&gt; This product contains a modified portion of 'jfastlz', a Java port of FastLZ compression and decompression library written by William Kinney. It can be obtained at:</p> <p>* LICENSE:</p> <p>* <a href="#">license/LICENSE.jfastlz.txt</a> (MIT License)</p> <p>* HOMEPAGE:</p> <p>* <a href="https://code.google.com/p/jfastlz/">https://code.google.com/p/jfastlz/</a></p> <p>LICENSE TEXT:</p> <p>The MIT License</p> <p>Copyright (c) 2009 William Kinney</p> <p>See <a href="#">Appendix G</a></p> <p>--&gt; This product contains a modified portion of and optionally depends on 'Protocol Buffers', Google's data interchange format, which can be obtained at:</p> <p>* LICENSE:</p> <p>* <a href="#">license/LICENSE.protobuf.txt</a> (New BSD License)</p> <p>* HOMEPAGE:</p> <p>* <a href="https://github.com/google/protobuf">https://github.com/google/protobuf</a></p> <p>LICENSE TEXT:</p> <p>Protocol Buffers - Google's data interchange format</p> <p>Copyright 2013 Google Inc. All rights reserved.</p> <p><a href="https://developers.google.com/protocol-buffers/">https://developers.google.com/protocol-buffers/</a></p> <p>See <a href="#">Appendix M</a></p> <p>Code generated by the Protocol Buffer compiler is owned by the owner of the input file used when generating it. This code is not standalone and requires a support library to be linked with it. This support library is itself covered by the above license.</p> <p>--&gt; This product optionally depends on 'Bouncy Castle Crypto APIs' to generate a temporary self-signed X.509 certificate when the JVM does not provide the equivalent functionality. It can be obtained at:</p> <p>* LICENSE:</p> <p>* <a href="#">license/LICENSE.bouncycastle.txt</a> (MIT License)</p> <p>* HOMEPAGE:</p> <p>* <a href="http://www.bouncycastle.org/">http://www.bouncycastle.org/</a></p> <p>LICENSE TEXT:</p> <p>The MIT License (MIT)</p> <p>Copyright (c) 2000 - 2013 The Legion of the Bouncy Castle Inc.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>(<a href="http://www.bouncycastle.org">http://www.bouncycastle.org</a>)<br/> See <a href="#">Appendix G</a><br/> * LICENSE:<br/> * license/LICENSE.snappy.txt (New BSD License)<br/> * HOMEPAGE:<br/> * <a href="https://github.com/google/snappy">https://github.com/google/snappy</a> LICENSE :<br/> Copyright 2011, Google Inc.<br/> All rights reserved.<br/> See <a href="#">Appendix M</a><br/> --&gt; This product optionally depends on 'Aalto XML', an ultra-high performance non-blocking XML processor, which can be obtained at:<br/> * LICENSE:<br/> * license/LICENSE.aalto-xml.txt (Apache License 2.0)<br/> * HOMEPAGE:<br/> * <a href="http://wiki.fasterxml.com/AaltoHome">http://wiki.fasterxml.com/AaltoHome</a><br/> LICENSE TEXT:<br/> This copy of Aalto XML processor is licensed under the Apache (Software) License, version 2.0 ("the License"). See the License for details about distribution rights, and the specific rights regarding derivate works.<br/> You may obtain a copy of the License at:<br/> <a href="http://www.apache.org/licenses/">http://www.apache.org/licenses/</a><br/> A copy is also included with both the the downloadable source code package and jar that contains class bytecodes, as file "ASL 2.0". In both cases, that file should be located next to this file: in source distribution the location should be "release-notes/asl"; and in jar "META-INF/"<br/> --&gt; This product contains a modified version of 'HPACK', a Java implementation of the HTTP/2 HPACK algorithm written by Cory Benfield. It can be obtained at:<br/> * LICENSE:<br/> * license/LICENSE.hyper-hpack.txt (MIT License)<br/> * HOMEPAGE:<br/> * <a href="https://github.com/python-hyper/hpack/">https://github.com/python-hyper/hpack/</a><br/> LICENSE TEXT:<br/> The MIT License (MIT)<br/> Copyright (c) 2014 Cory Benfield<br/> See <a href="#">Appendix G</a><br/> --&gt; This product contains a modified version of 'HPACK', a Java implementation of the HTTP/2 HPACK algorithm written by Tatsuhiro Tsujikawa. It can be obtained at:<br/> * LICENSE:<br/> * license/LICENSE.nghttp2-hpack.txt (MIT License)<br/> * HOMEPAGE:<br/> * <a href="https://github.com/nghttp2/nghttp2/">https://github.com/nghttp2/nghttp2/</a><br/> LICENSE TEXT:</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>The MIT License</p> <p>Copyright (c) 2012, 2014, 2015, 2016 Tatsuhiko Tsujikawa</p> <p>Copyright (c) 2012, 2014, 2015, 2016 nghttp2 contributors</p> <p>See <a href="#">Appendix G</a></p> <p>--&gt; This product contains the dnsinfo.h header file, that provides a way to retrieve the system DNS configuration on MacOS.</p> <p>This private header is also used by Apple's open source mDNSResponder (<a href="https://opensource.apple.com/tarballs/mDNSResponder/">https://opensource.apple.com/tarballs/mDNSResponder/</a>).</p> <p>* LICENSE:</p> <p>* license/LICENSE.dnsinfo.txt (Apache License 2.0)</p> <p>* HOMEPAGE:</p> <p>* <a href="http://www.opensource.apple.com/source/configd/configd-453.19/dnsinfo/dnsinfo.h">http://www.opensource.apple.com/source/configd/configd-453.19/dnsinfo/dnsinfo.h</a></p> <p>LICENSE TEXT :</p> <p>/*</p> <p>* Copyright (c) 2004-2006, 2008, 2009, 2011 Apple Inc. All rights reserved.</p> <p>*</p> <p>* @APPLE_LICENSE_HEADER_START@</p> <p>*</p> <p>* This file contains Original Code and/or Modifications of Original Code</p> <p>* as defined in and that are subject to the Apple Public Source License</p> <p>* Version 2.0 (the 'License'). You may not use this file except in</p> <p>* compliance with the License. Please obtain a copy of the License at</p> <p>* <a href="http://www.opensource.apple.com/apsl/">http://www.opensource.apple.com/apsl/</a> and read it before using this</p> <p>* file.</p> <p>*</p> <p>* The Original Code and all software distributed under the License are</p> <p>* distributed on an 'AS IS' basis, WITHOUT WARRANTY OF ANY KIND, EITHER</p> <p>* EXPRESS OR IMPLIED, AND APPLE HEREBY DISCLAIMS ALL SUCH WARRANTIES,</p> <p>* INCLUDING WITHOUT LIMITATION, ANY WARRANTIES OF MERCHANTABILITY,</p> <p>* FITNESS FOR A PARTICULAR PURPOSE, QUIET ENJOYMENT OR NON-INFRINGEMENT.</p> <p>* Please see the License for the specific language governing rights and</p> <p>* limitations under the License. **</p> <p>@APPLE_LICENSE_HEADER_END@</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider  | Component (s)                                                                                            | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-----------|----------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|           |                                                                                                          | */<br>-----separator-----                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Spring IO | spring-cloud-kubernetes-fabric8-discovery<br>2.0.3<br>spring-cloud-kubernetes-fabric8-discovery<br>2.1.3 | <p>TOP-LEVEL COPYRIGHT NOTICE for<br/>org.springframework.cloud:spring-cloud-kubernetes-fabric8-<br/>discovery</p> <p>© 2021 VMware, Inc. or its affiliates.</p> <p>-----separator-----</p> <p>TOP-LEVEL LICENSE TEXT for<br/>org.springframework.cloud:spring-cloud-kubernetes-fabric8-<br/>discovery:2.0.3</p> <p>APACHE 2.0 - See <a href="#">Appendix E</a></p> <p>-----separator-----</p> <p>FOURTH-PARTY DEPENDENCY #1<br/>org.springframework.cloud:spring-cloud-kubernetes-fabric8-<br/>autoconfig 2.0.3</p> <p>FOURTH-PARTY DEPENDENCY #2<br/>org.springframework.cloud:spring-cloud-context:3.0.3</p> <p>FOURTH-PARTY DEPENDENCY #3<br/>org.springframework.cloud:spring-cloud-commons:3.0.3</p> <p>COMMON COPYRIGHT NOTICES</p> <p>© 2021 VMware, Inc. or its affiliates.</p> <p>COMMON LICENSE TEXT</p> <p>Same as TEXT mentioned under TOP-LEVEL License Text</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider  | Component (s)                                | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-----------|----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Spring IO | spring-cloud-starter-kubernetes-config 1.1.2 | <p>TOP-LEVEL COPYRIGHT NOTICE for<br/>org.springframework.cloud:spring-cloud-starter-kubernetes-config</p> <p>© 2020 Pivotal Software, Inc. All Rights Reserved</p> <p>-----separator-----</p> <p>TOP-LEVEL LICENSE TEXT for<br/>org.springframework.cloud:spring-cloud-starter-kubernetes-config:1.0.3.RELEASE</p> <p>APACHE 2.0 - See <a href="#">Appendix E</a></p> <p>-----separator-----</p> <p>FOURTH-PARTY DEPENDENCY #1<br/>org.springframework.cloud:spring-cloud-kubernetes-core 1.0.3.RELEASE</p> <p>FOURTH-PARTY DEPENDENCY #2<br/>org.springframework.cloud:spring-cloud-kubernetes-config 1.0.3.RELEASE</p> <p>FOURTH-PARTY DEPENDENCY #3 io.fabric8:kubernetes-client 4.1.0</p> <p>FOURTH-PARTY DEPENDENCY #4<br/>org.springframework.boot:spring-boot-autoconfigure 2.2.4.RELEASE</p> <p>FOURTH-PARTY DEPENDENCY #5<br/>org.springframework.cloud:spring-cloud-context 2.2.1.RELEASE</p> <p>COMMON COPYRIGHT NOTICES</p> <p>Copyright © 2020 Pivotal Software, Inc.. All rights reserved.</p> <p>COMMON LICENSE TEXT</p> <p>APACHE 2.0 - See <a href="#">Appendix E</a></p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider  | Component (s)                                 | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-----------|-----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Spring IO | spring-cloud-starter-kubernetes-fabric8 2.0.3 | <p>TOP-LEVEL COPYRIGHT NOTICE for<br/>org.springframework.cloud:spring-cloud-starter-kubernetes-fabric8</p> <p>© 2021 VMware, Inc. or its affiliates.</p> <p>-----separator-----</p> <p>TOP-LEVEL LICENSE TEXT for<br/>org.springframework.cloud:spring-cloud-starter-kubernetes-fabric8:2.0.3</p> <p>APACHE 2.0 - See <a href="#">Appendix E</a></p> <p>-----separator-----</p> <p>FOURTH-PARTY DEPENDENCY #1<br/>org.springframework.cloud:spring-cloud-kubernetes-commons:2.0.3</p> <p>FOURTH-PARTY DEPENDENCY #2<br/>org.springframework.boot:spring-boot-autoconfigure:2.4.6-&gt;2.5.1(*)</p> <p>FOURTH-PARTY DEPENDENCY #3<br/>org.springframework.cloud:spring-cloud-commons:3.0.3</p> <p>FOURTH-PARTY DEPENDENCY #4<br/>org.springframework.security:spring-security-crypto:5.4.6-&gt;5.5.0</p> <p>FOURTH-PARTY DEPENDENCY #5<br/>org.springframework.cloud:spring-cloud-context:3.0.3</p> <p>FOURTH-PARTY DEPENDENCY #6<br/>org.springframework.cloud:spring-cloud-kubernetes-commons:2.0.3(*)</p> <p>FOURTH-PARTY DEPENDENCY #7<br/>org.springframework.boot:spring-boot-starter-json:2.4.6-&gt;2.5.1(*)</p> <p>FOURTH-PARTY DEPENDENCY #8<br/>org.springframework.cloud:spring-cloud-context:3.0.3(*)</p> <p>FOURTH-PARTY DEPENDENCY #9<br/>org.springframework.cloud:spring-cloud-kubernetes-fabric8-discovery:2.0.3</p> <p>FOURTH-PARTY DEPENDENCY #10<br/>org.springframework.cloud:spring-cloud-kubernetes-fabric8-autoconfig:2.0.3(*)</p> <p>FOURTH-PARTY DEPENDENCY #11<br/>org.springframework.cloud:spring-cloud-commons:3.0.3(*)</p> <p>FOURTH-PARTY DEPENDENCY #12<br/>org.springframework.cloud:spring-cloud-kubernetes-fabric8-autoconfig:2.0.3</p> <p>COMMON COPYRIGHT NOTICES</p> <p>© 2021 VMware, Inc. or its affiliates.</p> <p>COMMON LICENSE TEXT</p> <p>Same as TEXT mentioned under TOP-LEVEL License Text</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>-----separator-----</p> <p>FOURTH-PARTY DEPENDENCY #13<br/>dk.brics.automaton:automaton:1.11-8<br/>Copyright © 2011. All Rights Reserved.<br/>See <a href="#">Appendix M</a></p> <p>-----separator-----</p> <p>FOURTH-PARTY DEPENDENCY #14<br/>org.yaml:snakeyaml:1.27-&gt;1.28</p> <p>/**</p> <p>* Copyright (c) 2008, <a href="http://www.snakeyaml.org">http://www.snakeyaml.org</a></p> <p>*</p> <p>* Licensed under the Apache License, Version 2.0 (the "License");</p> <p>* you may not use this file except in compliance with the License.</p> <p>* You may obtain a copy of the License at</p> <p>*</p> <p>* <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>*</p> <p>* Unless required by applicable law or agreed to in writing, software</p> <p>* distributed under the License is distributed on an "AS IS" BASIS,</p> <p>* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.</p> <p>* See the License for the specific language governing permissions and</p> <p>* limitations under the License.</p> <p>*/</p> <p>-----separator-----</p> <p>FOURTH-PARTY DEPENDENCY #15<br/>com.squareup.okhttp3:okhttp:3.12.12-&gt;3.14.9(*)</p> <p>FOURTH-PARTY DEPENDENCY #16<br/>com.squareup.okhttp3:logging-interceptor:3.12.12-&gt;3.14.9(*)</p> <p>Copyright 2019 Square, Inc.</p> <p>Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License.</p> <p>You may obtain a copy of the License at <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.</p> <p>-----separator-----</p> <p>FOURTH-PARTY DEPENDENCY #17 org.slf4j:slf4j-api:1.7.30</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Copyright (c) 2004-2007 QOS.ch<br/>All rights reserved.<br/>See <a href="#">Appendix G</a></p> <p>-----separator-----</p> <p>FOURTH-PARTY DEPENDENCY #18<br/>io.fabric8:zjsonpatch:0.3.0</p> <p>/**<br/>* Copyright 2016 flipkart.com zjsonpatch.<br/>*<br/>* Licensed under the Apache License, Version 2.0 (the<br/>"License");<br/>* you may not use this file except in compliance with<br/>the License.<br/>* You may obtain a copy of the License at<br/>*<br/>* <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a><br/>*<br/>* Unless required by applicable law or agreed to in<br/>writing, software<br/>* distributed under the License is distributed on an "AS<br/>IS" BASIS,<br/>* WITHOUT WARRANTIES OR CONDITIONS OF<br/>ANY KIND, either express or implied.<br/>* See the License for the specific language governing<br/>permissions and<br/>* limitations under the License.<br/>*/</p> <p>-----separator-----</p> <p>FOURTH-PARTY DEPENDENCY #19<br/>com.github.mifmif:generex:1.0.2</p> <p>/*<br/>* Copyright 2014 y.mifrah<br/>*<br/>*<br/>* Licensed under the Apache License, Version 2.0 (the<br/>"License");<br/>* you may not use this file except in compliance with<br/>the License.<br/>* You may obtain a copy of the License at<br/>*<br/>* <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a><br/>*<br/>* Unless required by applicable law or agreed to in<br/>writing, software<br/>* distributed under the License is distributed on an "AS<br/>IS" BASIS,<br/>* WITHOUT WARRANTIES OR CONDITIONS OF<br/>ANY KIND, either express or implied.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>* See the License for the specific language governing permissions and<br/> * limitations under the License.<br/> */<br/> -----separator-----</p> <p>FOURTH-PARTY DEPENDENCY #20<br/> io.fabric8:kubernetes-client:4.13.3<br/> FOURTH-PARTY DEPENDENCY #21<br/> io.fabric8:kubernetes-model-rbac:4.13.3<br/> FOURTH-PARTY DEPENDENCY #22<br/> io.fabric8:kubernetes-model-core:4.13.3(*)<br/> FOURTH-PARTY DEPENDENCY #23<br/> io.fabric8:kubernetes-model-common:4.13.3(*)<br/> FOURTH-PARTY DEPENDENCY #24<br/> io.fabric8:kubernetes-model-admissionregistration:4.13.3<br/> FOURTH-PARTY DEPENDENCY #25<br/> io.fabric8:kubernetes-model-apps:4.13.3<br/> FOURTH-PARTY DEPENDENCY #26<br/> io.fabric8:kubernetes-model-autoscaling:4.13.3<br/> FOURTH-PARTY DEPENDENCY #27<br/> io.fabric8:kubernetes-model-apiextensions:4.13.3<br/> FOURTH-PARTY DEPENDENCY #28<br/> io.fabric8:kubernetes-model-batch:4.13.3<br/> FOURTH-PARTY DEPENDENCY #29<br/> io.fabric8:kubernetes-model-certificates:4.13.3<br/> FOURTH-PARTY DEPENDENCY #30<br/> io.fabric8:kubernetes-model-coordination:4.13.3<br/> FOURTH-PARTY DEPENDENCY #31<br/> io.fabric8:kubernetes-model-discovery:4.13.3<br/> FOURTH-PARTY DEPENDENCY #32<br/> io.fabric8:kubernetes-model-events:4.13.3<br/> FOURTH-PARTY DEPENDENCY #33<br/> io.fabric8:kubernetes-model-extensions:4.13.3<br/> FOURTH-PARTY DEPENDENCY #34<br/> io.fabric8:kubernetes-model-networking:4.13.3<br/> FOURTH-PARTY DEPENDENCY #35<br/> io.fabric8:kubernetes-model-metrics:4.13.3<br/> FOURTH-PARTY DEPENDENCY #36<br/> io.fabric8:kubernetes-model-policy:4.13.3<br/> FOURTH-PARTY DEPENDENCY #37<br/> io.fabric8:kubernetes-model-scheduling:4.13.3<br/> FOURTH-PARTY DEPENDENCY #38<br/> io.fabric8:kubernetes-model-settings:4.13.3<br/> FOURTH-PARTY DEPENDENCY #39<br/> io.fabric8:kubernetes-model-storageclass:4.13.3<br/> FOURTH-PARTY DEPENDENCY #40<br/> io.fabric8:kubernetes-model-node:4.13.3</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>FOURTH-PARTY DEPENDENCY #41<br/>io.fabric8:kubernetes-model-core:4.13.3<br/>FOURTH-PARTY DEPENDENCY #42<br/>io.fabric8:kubernetes-model-common:4.13.3</p> <p>/**<br/>* Copyright (C) 2015 Red Hat, Inc.<br/>*<br/>* Licensed under the Apache License, Version 2.0 (the<br/>"License");<br/>* you may not use this file except in compliance with<br/>the License.<br/>* You may obtain a copy of the License at<br/>*<br/>* <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a><br/>*<br/>* Unless required by applicable law or agreed to in<br/>writing, software<br/>* distributed under the License is distributed on an "AS<br/>IS" BASIS,<br/>* WITHOUT WARRANTIES OR CONDITIONS OF<br/>ANY KIND, either express or implied.<br/>* See the License for the specific language governing<br/>permissions and<br/>* limitations under the License.<br/>*/</p> <p>-----separator-----</p> <p>FOURTH-PARTY DEPENDENCY #46<br/>com.fasterxml.jackson:jackson-bom:2.12.3(*)<br/>FOURTH-PARTY DEPENDENCY #47<br/>com.fasterxml.jackson.module:jackson-module-jaxb-<br/>annotations:2.11.2-&gt;2.12.3(*)<br/>FOURTH-PARTY DEPENDENCY #48<br/>com.fasterxml.jackson.module:jackson-module-jaxb-<br/>annotations:2.11.2-&gt;2.12.3<br/>FOURTH-PARTY DEPENDENCY #49<br/>com.fasterxml.jackson.core:jackson-<br/>annotations:2.12.3(*)<br/>FOURTH-PARTY DEPENDENCY #50<br/>com.fasterxml.jackson.core:jackson-core:2.12.3(*)<br/>FOURTH-PARTY DEPENDENCY #51<br/>com.fasterxml.jackson.core:jackson-databind:2.12.3(*)<br/>FOURTH-PARTY DEPENDENCY #52<br/>com.fasterxml.jackson.dataformat:jackson-dataformat-<br/>yaml:2.11.2-&gt;2.12.3<br/>FOURTH-PARTY DEPENDENCY #53<br/>com.fasterxml.jackson.datatype:jackson-datatype-<br/>jsr310:2.11.2-&gt;2.12.3(*)</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider  | Component (s)                                        | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-----------|------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|           |                                                      | Copyright © FasterXML. All rights reserved.<br>COMMON LICENSE TEXT<br>Same as TEXT mentioned under TOP-LEVEL License Text                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Spring IO | spring-cloud-starter-kubernetes-fabric8-config 2.0.3 | <p>TOP-LEVEL COPYRIGHT NOTICE for<br/>org.springframework.cloud:spring-cloud-starter-kubernetes-fabric8-config<br/>© 2021 VMware, Inc. or its affiliates.<br/>-----separator-----</p> <p>TOP-LEVEL LICENSE TEXT for<br/>org.springframework.cloud:spring-cloud-starter-kubernetes-fabric8-config:2.0.3<br/>APACHE 2.0 - See <a href="#">Appendix E</a><br/>-----separator-----</p> <p>FOURTH-PARTY DEPENDENCY #1<br/>org.springframework.cloud:spring-cloud-kubernetes-commons 2.0.3<br/>FOURTH-PARTY DEPENDENCY #2<br/>org.springframework.cloud:spring-cloud-kubernetes-fabric8-autoconfig 2.0.3<br/>FOURTH-PARTY DEPENDENCY #3<br/>org.springframework.cloud:spring-cloud-kubernetes-fabric8-config 2.0.3<br/>FOURTH-PARTY DEPENDENCY #4<br/>io.fabric8:kubernetes-client 4.13.3<br/>FOURTH-PARTY DEPENDENCY #5<br/>org.springframework.boot:spring-boot-autoconfigure 2.5.2<br/>FOURTH-PARTY DEPENDENCY #6<br/>org.springframework.boot:spring-boot-starter:2.5.2<br/>FOURTH-PARTY DEPENDENCY #7<br/>org.springframework.cloud:spring-cloud-context:3.0.3<br/>FOURTH-PARTY DEPENDENCY #8<br/>org.springframework.cloud:spring-cloud-commons:3.0.3<br/>FOURTH-PARTY DEPENDENCY #9<br/>org.springframework.cloud:spring-cloud-starter-bootstrap:3.0.3<br/>FOURTH-PARTY DEPENDENCY #10<br/>org.springframework.cloud:spring-cloud-starter:3.0.3</p> <p>COMMON COPYRIGHT NOTICES<br/>© 2021 VMware, Inc. or its affiliates.<br/>COMMON LICENSE TEXT<br/>Same as TEXT mentioned under TOP-LEVEL License Text</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider  | Component (s)                                        | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-----------|------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Spring IO | spring-cloud-starter-kubernetes-fabric8-config 2.1.0 | <p>TOP-LEVEL COPYRIGHT NOTICE for<br/>org.springframework.cloud:spring-cloud-starter-kubernetes-fabric8-config</p> <p>© 2021 VMware, Inc. or its affiliates.</p> <p>-----separator-----</p> <p>TOP-LEVEL LICENSE TEXT for<br/>org.springframework.cloud:spring-cloud-starter-kubernetes-fabric8-config:2.0.4</p> <p>Apache License<br/>Version 2.0, January 2004<br/><a href="http://www.apache.org/licenses/">http://www.apache.org/licenses/</a></p> <p>TERMS AND CONDITIONS FOR USE, REPRODUCTION,<br/>AND DISTRIBUTION</p> <p>1. Definitions.</p> <p>"License" shall mean the terms and conditions for use,<br/>reproduction,<br/>and distribution as defined by Sections 1 through 9 of this<br/>document.</p> <p>"Licensor" shall mean the copyright owner or entity<br/>authorized by<br/>the copyright owner that is granting the License.</p> <p>"Legal Entity" shall mean the union of the acting entity and<br/>all<br/>other entities that control, are controlled by, or are under<br/>common<br/>control with that entity. For the purposes of this definition,<br/>"control" means (i) the power, direct or indirect, to cause the<br/>direction or management of such entity, whether by contract<br/>or<br/>otherwise, or (ii) ownership of fifty percent (50%) or more of<br/>the<br/>outstanding shares, or (iii) beneficial ownership of such<br/>entity.</p> <p>"You" (or "Your") shall mean an individual or Legal Entity<br/>exercising permissions granted by this License.</p> <p>"Source" form shall mean the preferred form for making<br/>modifications,<br/>including but not limited to software source code,<br/>documentation<br/>source, and configuration files.</p> <p>"Object" form shall mean any form resulting from mechanical<br/>transformation or translation of a Source form, including but<br/>not limited to compiled object code, generated<br/>documentation,<br/>and conversions to other media types.</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).</p> <p>"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.</p> <p>"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."</p> <p>"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.</p> <p>3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.</p> <p>4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:</p> <p>(a) You must give any other recipients of the Work or Derivative Works a copy of this License; and</p> <p>(b) You must cause any modified files to carry prominent notices stating that You changed the files; and</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>(c) You must retain, in the Source form of any Derivative Works</p> <p>that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and</p> <p>(d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must</p> <p>include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or,</p> <p>within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents</p> <p>of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided</p> <p>that such additional attribution notices cannot be construed as modifying the License.</p> <p>You may add Your own copyright statement to Your modifications and</p> <p>may provide additional or different license terms and conditions</p> <p>for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with</p> <p>the conditions stated in this License.</p> <p>5. Submission of Contributions. Unless You explicitly state otherwise,</p> <p>any Contribution intentionally submitted for inclusion in the Work</p> <p>by You to the Licensor shall be under the terms and conditions of</p> <p>this License, without any additional terms or conditions.</p> <p>Notwithstanding the above, nothing herein shall supersede or modify</p> <p>the terms of any separate license agreement you may have executed</p> <p>with Licensor regarding such Contributions.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.</p> <p>7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.</p> <p>8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.</p> <p>9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer,</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>and charge a fee for, acceptance of support, warranty, indemnity,</p> <p>or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only</p> <p>on Your own behalf and on Your sole responsibility, not on behalf</p> <p>of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason</p> <p>of your accepting any such warranty or additional liability.</p> <p>END OF TERMS AND CONDITIONS</p> <p>-----separator-----</p> <p>FOURTH-PARTY DEPENDENCY #1<br/>org.springframework.cloud:spring-cloud-kubernetes-commons 2.0.4</p> <p>FOURTH-PARTY DEPENDENCY #2<br/>org.springframework.cloud:spring-cloud-kubernetes-fabric8-autoconfig 2.0.4</p> <p>FOURTH-PARTY DEPENDENCY #3<br/>org.springframework.cloud:spring-cloud-kubernetes-fabric8-config 2.0.4</p> <p>FOURTH-PARTY DEPENDENCY #4 io.fabric8:kubernetes-client 4.13.3</p> <p>FOURTH-PARTY DEPENDENCY #5<br/>org.springframework.boot:spring-boot-autoconfigure 2.5.5</p> <p>FOURTH-PARTY DEPENDENCY #6<br/>org.springframework.boot:spring-boot-starter:2.5.5</p> <p>FOURTH-PARTY DEPENDENCY #7<br/>org.springframework.cloud:spring-cloud-context:3.0.4</p> <p>FOURTH-PARTY DEPENDENCY #8<br/>org.springframework.cloud:spring-cloud-commons:3.0.4</p> <p>FOURTH-PARTY DEPENDENCY #9<br/>org.springframework.cloud:spring-cloud-starter-bootstrap:3.0.4</p> <p>FOURTH-PARTY DEPENDENCY #10<br/>org.springframework.cloud:spring-cloud-starter:3.0.4</p> <p>COMMON COPYRIGHT NOTICES</p> <p>© 2021 VMware, Inc. or its affiliates.</p> <p>COMMON LICENSE TEXT</p> <p>Same as TEXT mentioned under TOP-LEVEL License Text</p> <p>-----separator-----</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider  | Component (s)                                        | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-----------|------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Spring IO | spring-cloud-starter-kubernetes-fabric8-config 2.1.3 | <p>TOP-LEVEL COPYRIGHT NOTICE for<br/>org.springframework.cloud:spring-cloud-starter-kubernetes-fabric8-config</p> <p>© 2022 VMware, Inc. or its affiliates.</p> <p>-----separator-----</p> <p>TOP-LEVEL LICENSE TEXT for<br/>org.springframework.cloud:spring-cloud-starter-kubernetes-fabric8-config</p> <p>Apache License<br/>Version 2.0, January 2004<br/><a href="http://www.apache.org/licenses/">http://www.apache.org/licenses/</a></p> <p>TERMS AND CONDITIONS FOR USE, REPRODUCTION,<br/>AND DISTRIBUTION</p> <p>1. Definitions.</p> <p>"License" shall mean the terms and conditions for use,<br/>reproduction,<br/>and distribution as defined by Sections 1 through 9 of this<br/>document.</p> <p>"Licensor" shall mean the copyright owner or entity<br/>authorized by<br/>the copyright owner that is granting the License.</p> <p>"Legal Entity" shall mean the union of the acting entity and<br/>all<br/>other entities that control, are controlled by, or are under<br/>common<br/>control with that entity. For the purposes of this definition,<br/>"control" means (i) the power, direct or indirect, to cause the<br/>direction or management of such entity, whether by contract or<br/>otherwise, or (ii) ownership of fifty percent (50%) or more of the<br/>outstanding shares, or (iii) beneficial ownership of such<br/>entity.</p> <p>"You" (or "Your") shall mean an individual or Legal Entity<br/>exercising permissions granted by this License.</p> <p>"Source" form shall mean the preferred form for making<br/>modifications,<br/>including but not limited to software source code,<br/>documentation<br/>source, and configuration files.</p> <p>"Object" form shall mean any form resulting from mechanical<br/>transformation or translation of a Source form, including but<br/>not limited to compiled object code, generated<br/>documentation,<br/>and conversions to other media types.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).</p> <p>"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.</p> <p>"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."</p> <p>"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.</p> <p>3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.</p> <p>4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:</p> <p>(a) You must give any other recipients of the Work or Derivative Works a copy of this License; and</p> <p>(b) You must cause any modified files to carry prominent notices stating that You changed the files; and</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>(c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and</p> <p>(d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.</p> <p>You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.</p> <p>5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.</p> <p>7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.</p> <p>8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.</p> <p>9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer,</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>and charge a fee for, acceptance of support, warranty, indemnity,</p> <p>or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only</p> <p>on Your own behalf and on Your sole responsibility, not on behalf</p> <p>of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason</p> <p>of your accepting any such warranty or additional liability.</p> <p>END OF TERMS AND CONDITIONS</p> <p>-----separator-----</p> <p>FOURTH-PARTY DEPENDENCY #1<br/>org.springframework.cloud:spring-cloud-kubernetes-commons</p> <p>FOURTH-PARTY DEPENDENCY #2<br/>org.springframework.cloud:spring-cloud-kubernetes-fabric8-autoconfig</p> <p>FOURTH-PARTY DEPENDENCY #3<br/>org.springframework.cloud:spring-cloud-kubernetes-fabric8-config</p> <p>FOURTH-PARTY DEPENDENCY #4 io.fabric8:kubernetes-client</p> <p>FOURTH-PARTY DEPENDENCY #5<br/>org.springframework.boot:spring-boot-autoconfigure</p> <p>FOURTH-PARTY DEPENDENCY #6<br/>org.springframework.boot:spring-boot-starter</p> <p>FOURTH-PARTY DEPENDENCY #7<br/>org.springframework.cloud:spring-cloud-context</p> <p>FOURTH-PARTY DEPENDENCY #8<br/>org.springframework.cloud:spring-cloud-commons</p> <p>FOURTH-PARTY DEPENDENCY #9<br/>org.springframework.cloud:spring-cloud-starter-bootstrap</p> <p>FOURTH-PARTY DEPENDENCY #10<br/>org.springframework.cloud:spring-cloud-starter</p> <p>COMMON COPYRIGHT NOTICES</p> <p>© 2022 VMware, Inc. or its affiliates.</p> <p>COMMON LICENSE TEXT</p> <p>Same as TEXT mentioned under TOP-LEVEL License Text</p> <p>-----separator-----</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider              | Component (s)                     | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-----------------------|-----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Pivotal Software, Inc | spring-cloud-stream 3.0.6.RELEASE | /*<br>*<br>Copyright 2018-2020 the original author or authors.<br>*<br>* Licensed under the Apache License, Version 2.0 (the "License");<br>* you may not use this file except in compliance with the License.<br>* You may obtain a copy of the License at<br>*<br>* https://www.apache.org/licenses/LICENSE-2.0<br>*<br>* Unless required by applicable law or agreed to in writing, software<br>* distributed under the License is distributed on an "AS IS" BASIS,<br>* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.<br>* See the License for the specific language governing permissions and<br>* limitations under the License.<br>*/<br>-----<br>APACHE 2.0 - See <a href="#">Appendix E</a><br>-----<br>-----<br>4th Party dependencies and its copyright: spring-boot-actuator, 2.3.0.RELEASE, Apache 2.0<br>----- Copyright Info<br>-----<br>/*<br>*<br>Copyright 2002-2018 the original author or authors.<br>*<br>* Licensed under the Apache License, Version 2.0 (the "License");<br>* you may not use this file except in compliance with the License.<br>* You may obtain a copy of the License at<br>*<br>* https://www.apache.org/licenses/LICENSE-2.0<br>*<br>* Unless required by applicable law or agreed to in writing, software<br>* distributed under the License is distributed on an "AS IS" BASIS,<br> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.</p> <p>* See the License for the specific language governing permissions and</p> <p>* limitations under the License.</p> <p>*/</p> <p>-----</p> <p>org.springframework.cloud » spring-cloud-function-context , 3.0.7.RELEASE, (Apache 2.0)</p> <p>----- Copyright Info</p> <p>-----</p> <p>/*</p> <p>*</p> <p>Copyright 2019-2019 the original author or authors.</p> <p>*</p> <p>* Licensed under the Apache License, Version 2.0 (the "License");</p> <p>* you may not use this file except in compliance with the License.</p> <p>* You may obtain a copy of the License at</p> <p>*</p> <p>* <a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a></p> <p>*</p> <p>* Unless required by applicable law or agreed to in writing, software</p> <p>* distributed under the License is distributed on an "AS IS" BASIS,</p> <p>* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.</p> <p>* See the License for the specific language governing permissions and</p> <p>* limitations under the License.</p> <p>*/</p> <p>-----</p> <p>org.springframework.integration » spring-integration-core, 5.3.0.RELEASE, (Apache 2.0)</p> <p>----- Copyright Info</p> <p>-----</p> <p>/*</p> <p>* Copyright 2018-2019 the original author or authors.</p> <p>*</p> <p>* Licensed under the Apache License, Version 2.0 (the "License");</p> <p>* you may not use this file except in compliance with the License.</p> <p>* You may obtain a copy of the License at</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>*<br/> * <a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a><br/> *<br/> * Unless required by applicable law or agreed to in writing, software<br/> * distributed under the License is distributed on an "AS IS" BASIS,<br/> * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.<br/> * See the License for the specific language governing permissions and<br/> * limitations under the License.<br/> */</p> <p>-----<br/> -----<br/> jackson-core, v2.10.0, Apache 2.0 jackson-databind, v2.10.0, Apache 2.0<br/> Copyright (c) 2019, Tatu Saloranta &lt;tatu.saloranta@iki.fi&gt;<br/> This copy of Jackson JSON processor annotations is licensed under the<br/> Apache (Software) License, version 2.0 ("the License").<br/> See the License for details about distribution rights, and the specific rights regarding derivate works.<br/> You may obtain a copy of the License at:<br/> <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a><br/> +++++</p> <p>Spring-retry, v1.3.0.RELEASE, Apache 2.0<br/> /*<br/> * Copyright 2015 the original author or authors.<br/> *<br/> * Licensed under the Apache License, Version 2.0 (the "License");<br/> * you may not use this file except in compliance with the License.<br/> * You may obtain a copy of the License at<br/> *<br/> * <a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a><br/> *<br/> * Unless required by applicable law or agreed to in writing, software<br/> * distributed under the License is distributed on an "AS IS" BASIS,<br/> * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.<br/> * See the License for the specific language governing permissions and<br/> * limitations under the License.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information |
|----------|---------------|-----------------------|
|          |               | */                    |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider                                     | Component (s)   | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------------------------------------------|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Marty Pitt, Dilip Krishnan, and Adrian Kelly | Springfox 2.9.2 | <p>Copyright 2015 Marty Pitt - @martypitt, Dilip Krishnan - @dilipkrish, Adrian Kelly - @adrianbk, Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at <a href="http://apache.org/licenses/LICENSE-2.0">apache.org/licenses/LICENSE-2.0</a> Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License. APACHE 2.0 - See <a href="#">Appendix E</a></p> <p>Below are 4th party dependencies:</p> <p>=====</p> <p>byte-buddy 1.6.14</p> <p>=====</p> <p>byte-buddy is licensed under the Apache License 2.0<br/>Copyright 2019 Rafael Winterhalter, Scienta AS, Arbinsgate 11, 0253 Oslo, Norway</p> <p>=====</p> <p>cglib 3.2.5</p> <p>=====</p> <p>Copyright 2003 The Apache Software Foundation Licensed under the Apache License, Version 2.0 (the "License")</p> <p>=====</p> <p>classmate 1.3.3</p> <p>=====</p> <p>classmate is licensed under the Apache License 2.0<br/>Copyright ©2009-2011 FasterXML, LLC. All rights reserved unless otherwise indicated.</p> <p>=====</p> <p>Groovy 2.4.8</p> <p>=====</p> <p>Groovy is licensed under the terms of the Apache License, Version 2.0 Copyright 2003-2018 The Apache Software Foundation This product bundles icons from the famfamfam.com silk icons set <a href="http://www.famfamfam.com/lab/icons/silk/">http://www.famfamfam.com/lab/icons/silk/</a> Licensed under the Creative Commons Attribution Licence v2.5 <a href="http://creativecommons.org/licenses/by/2.5/">http://creativecommons.org/licenses/by/2.5/</a> Creative Commons Attribution License, Attribution 2.5 - See <a href="#">Appendix U</a></p> <p>=====</p> <p>guava 18.0</p> <p>=====</p> <p>Copyright (C) 2010 The Guava Authors Licensed under the Apache License, Version 2.0 (the "License")</p> <p>=====</p> <p>ackson-databind 2.8.7</p> <p>=====</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>jackson-databind is licensed under Apache License 2.0. Copyright ©2009-2011 FasterXML, LLC. All rights reserved unless otherwise indicated.</p> <p>=====</p> <p>jackson-core 2.8.7</p> <p>=====</p> <p>jackson-core is licensed under Apache License 2.0. Copyright ©2009-2011 FasterXML, LLC. All rights reserved unless otherwise indicated.</p> <p>=====</p> <p>jackson-annotations 2.8.7</p> <p>=====</p> <p>jackson-annotations is licensed under Apache License 2.0. Copyright ©2009-2011 FasterXML, LLC. All rights reserved unless otherwise indicated.</p> <p>=====</p> <p>snakeyaml 1.18</p> <p>=====</p> <p>Copyright (c) 2008, <a href="http://www.snakeyaml.org">http://www.snakeyaml.org</a> Licensed under the Apache License, Version 2.0 (the "License")</p> <p>=====</p> <p>spock 1.1</p> <p>=====</p> <p>Copyright 2010 the original author or authors. Licensed under the Apache License, Version 2.0 (the "License")</p> <p>=====</p> <p>spring 4.3.8</p> <p>=====</p> <p>The Spring Framework is released under version 2.0 of the Apache License. Copyright (c) 2002-2018 Pivotal, Inc.</p> <p>=====</p> <p>springHateoas 0.23.0</p> <p>=====</p> <p>Copyright 2017 the original author or authors. Licensed under the Apache License, Version 2.0 (the "License")</p> <p>=====</p> <p>springDataRest 2.6.3</p> <p>=====</p> <p>Copyright 2012-2018 the original author or authors. Licensed under the Apache License, Version 2.0 (the "License")</p> <p>=====</p> <p>springPluginVersion 1.2.0</p> <p>=====</p> <p>Copyright 2012-2018 the original author or authors. Licensed under the Apache License, Version 2.0 (the "License")</p> <p>=====</p> <p>springBoot 1.4.4</p> |

Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                        |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | =====<br>Copyright 2012-2017 the original author or authors. Licensed under the Apache License, Version 2.0 (the "License")<br>=====<br>swagger2Core 1.5.13<br>=====<br>Copyright 2016 SmartBear Software Licensed under the Apache License, Version 2.0 (the "License")<br>*****<br>org.slf4j:slf4j-api:1.7.25 ( Apache License version 2 ) |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider                                     | Component (s)   | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------------------------------------------|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Marty Pitt, Dilip Krishnan, and Adrian Kelly | Springfox 3.0.0 | <p>APACHE 2.0 - See <a href="#">Appendix E</a></p> <p>Copyright 2015 Marty Pitt - @martypitt, Dilip Krishnan - @dilipkrish, Adrian Kelly - @adrianbk,</p> <p>Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at <a href="http://apache.org/licenses/LICENSE-2.0">apache.org/licenses/LICENSE-2.0</a></p> <p>Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.</p> <p>Springfox in this product also contains the following 4th party dependencies:</p> <p>--classmate is licensed under the Apache License 2.0.</p> <p>Copyright ©2009-2011 FasterXML, LLC. All rights reserved unless otherwise indicated.</p> <p>--spring-plugin-core is licensed under the Apache License version 2.0.</p> <p>/*</p> <p>* Copyright 2008-2019 the original author or authors.</p> <p>*</p> <p>* Licensed under the Apache License, Version 2.0 (the "License");</p> <p>* you may not use this file except in compliance with the License.</p> <p>* You may obtain a copy of the License at</p> <p>*</p> <p>* <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>*</p> <p>* Unless required by applicable law or agreed to in writing, software</p> <p>* distributed under the License is distributed on an "AS IS" BASIS,</p> <p>* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.</p> <p>* See the License for the specific language governing permissions and</p> <p>* limitations under the License.</p> <p>*/</p> <p>--spring-plugin-metadata is licensed under the Apache License version 2.0.</p> <p>/*</p> <p>* Copyright 2008-2019 the original author or authors.</p> <p>*</p> <p>* Licensed under the Apache License, Version 2.0 (the "License");</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider                                     | Component (s)                | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------------------------------------------|------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                              |                              | <p>* you may not use this file except in compliance with the License.</p> <p>* You may obtain a copy of the License at</p> <p>*</p> <p>* <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>*</p> <p>* Unless required by applicable law or agreed to in writing, software</p> <p>* distributed under the License is distributed on an "AS IS" BASIS,</p> <p>* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.</p> <p>* See the License for the specific language governing permissions and</p> <p>* limitations under the License.</p> <p>*/</p> <p>--slf4j:slf4j-api is licensed under the Apache License version 2.0.</p> |
| Marty Pitt, Dilip Krishnan, and Adrian Kelly | springfox-boot-starter 3.0.0 | <p>com.fasterxml » classmate 1.5.1</p> <p>io.springfox » springfox-oas 3.0.0</p> <p>springfox-data-rest 3.0.0</p> <p>io.springfox » springfox-bean-validators 3.0.0</p> <p>io.springfox » springfox-swagger2 3.0.0</p> <p>io.springfox » springfox-swagger-ui 3.0.0</p> <p>org.springframework.plugin » spring-plugin-core 2.0.0.RELEASE</p> <p>org.springframework.plugin » spring-plugin-metadata 2.0.0.RELEASE</p> <p>APACHE 2.0 - See <a href="#">Appendix E</a></p> <p>-----</p> <p>Third party dependency</p> <p>org.slf4j » slf4j-api 1.7.25</p> <p>See <a href="#">Appendix G</a></p>                                                                                                                 |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider                            | Component (s)            | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-------------------------------------|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| springfox<br>Project,<br>Technology | springfox-swagger2 3.0.0 | <p>Copyright 2015 the original author or authors.<br/>Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a> or see <a href="#">Appendix E</a>.</p> <p>Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.</p> <p>-----</p> <p>It has the following fourth party source dependencies:<br/>com.fasterxml » classmate 1.5.1<br/>io.springfox » springfox-spi 3.0.0<br/>io.springfox » springfox-schema 3.0.0<br/>io.springfox » springfox-swagger-common 3.0.0<br/>io.springfox » springfox-spring-web 3.0.0<br/>io.springfox » springfox-spring-webmvc 3.0.0<br/>io.springfox » springfox-spring-webflux 3.0.0<br/>io.swagger » swagger-annotations 1.5.20<br/>io.swagger » swagger-models 1.5.20<br/>org.springframework.plugin » spring-plugin-core 2.0.0.RELEASE<br/>org.springframework.plugin » spring-plugin-metadata 2.0.0.RELEASE</p> <p>Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a> or see <a href="#">Appendix E</a>.</p> <p>Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.</p> <p>-----</p> <p>org.slf4j » slf4j-api 1.7.25<br/>The MIT License Copyright (c) 2004-2016 Paul R. Holser, Jr.<br/>See <a href="#">Appendix G</a>.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider          | Component (s)                                            | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-------------------|----------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| springfox Project | springfox-swagger-ui 2.9.2<br>springfox-swagger-ui 3.0.0 | <p>Copyright 2015 the original author or authors.</p> <p>Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the license. You may obtain a copy of the License at <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.</p> <p>APACHE 2.0 - See <a href="#">Appendix E</a></p> <p>It has the following open source dependencies:</p> <p>springfox-spring-web v2.9.2 :</p> <p>Copyright 2015 the original author or authors.</p> <p>Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the license. You may obtain a copy of the License at <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.</p> <p>APACHE 2.0 - See <a href="#">Appendix E</a></p> <p>see: <a href="https://github.com/springfox/springfox">https://github.com/springfox/springfox</a></p> <p>swagger-ui v 3.17.1</p> <p>Copyright 2018 SmartBear Software</p> <p>Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the license. You may obtain a copy of the License at <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.</p> <p>APACHE 2.0 - See <a href="#">Appendix E</a></p> <p>see <a href="https://github.com/swagger-api/swagger-ui/">https://github.com/swagger-api/swagger-ui/</a></p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider              | Component (s)                                     | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-----------------------|---------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Pivotal Software, Inc | Spring Framework 5.3.28<br>Spring Framework 6.0.9 | <p>org.springframework 5.2.3.RELEASE</p> <p>## License</p> <p>The Spring Framework is released under version 2.0 of the [Apache License](https://www.apache.org/licenses/LICENSE-2.0).</p> <p>COPYRIGHT: Copyright (c) 2002-2019 Pivotal, Inc.</p> <p>LICENSE:</p> <p>APACHE 2.0 - See <a href="#">Appendix E</a></p> <p>=====</p> <p>=====</p> <p>SPRING FRAMEWORK \${version} SUBCOMPONENTS:</p> <p>Spring Framework \${version} includes a number of subcomponents with separate copyright notices and license terms. The product that includes this file does not necessarily use all the open source subcomponents referred to below. Your use of the source code for these subcomponents is subject to the terms and conditions of the following licenses.</p> <p>&gt;&gt;&gt; ASM 4.0 (org.ow2.asm:asm:4.0, org.ow2.asm:asm-commons:4.0):</p> <p>Copyright (c) 2000-2011 INRIA, France Telecom All rights reserved.</p> <p>See <a href="#">Appendix M</a></p> <p>Copyright (c) 1999-2009, OW2 Consortium &lt;https://www.ow2.org/&gt;</p> <p>&gt;&gt;&gt; CGLIB 3.0 (cglib:cglib:3.0):</p> <p>Per the LICENSE file in the CGLIB JAR distribution downloaded from <a href="https://sourceforge.net/projects/cglib/files/cglib3/3.0/cglib-3.0.jar/download">https://sourceforge.net/projects/cglib/files/cglib3/3.0/cglib-3.0.jar/download</a>, CGLIB 3.0 is licensed under the Apache License, version 2.0, the text of which is included above.</p> <p>=====</p> <p>=====</p> <p>To the extent any open source components are licensed under the EPL and/or other similar licenses that require the source code and/or modifications to source code to be made available (as would be noted above), you may obtain a copy of the source code corresponding to the binaries for such open source components and modifications thereto, if any, (the "Source Files"), by downloading the Source Files from <a href="https://spring.io/projects">https://spring.io/projects</a>, Pivotal's website at <a href="https://network.pivotal.io/open-source">https://network.pivotal.io/open-source</a>, or by sending a request, with your name and address to: Pivotal Software, Inc., 875 Howard Street, 5th floor, San Francisco, CA 94103, Attention: General Counsel. All such requests should clearly specify: OPEN SOURCE FILES REQUEST, Attention General Counsel. Pivotal can mail a copy of the Source Files to you on a CD or equivalent physical medium.</p> <p>This offer to obtain a copy of the Source Files is valid for three years from the date you acquired this Software product. Alternatively, the Source Files may accompany the Software.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>=====</p> <p>Modules:</p> <p>spring-aop</p> <p>spring-aspects</p> <p>spring-beans</p> <p>spring-context-indexer</p> <p>spring-context-support</p> <p>spring-context</p> <p>spring-core</p> <p>spring-expression</p> <p>spring-framework-bom</p> <p>spring-instrument</p> <p>spring-jcl</p> <p>spring-jdbc spring-jms</p> <p>spring-messaging</p> <p>spring-orm</p> <p>spring-oxm</p> <p>spring-test</p> <p>spring-tx</p> <p>spring-web</p> <p>spring-webflux</p> <p>spring-webmvc spring-websocket</p> <p>org.springframework 5.2.3.RELEASE</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider              | Component (s)                                                   | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-----------------------|-----------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Pivotal Software, Inc | spring-kafka 2.9.2<br>spring-kafka 2.9.9<br>spring-kafka 3.0.13 | <p>==== Public License Template<br/>=====</p> <p>==== This template is provided to help you identify and sort all information<br/>==== required for the Public Licenses &amp; Copyright Notices field. You do not<br/>==== need to use or keep this template in place, as long as all details are<br/>==== provided and organized in such a way that D&amp;E Legal can understand what<br/>==== belongs where.<br/>====</p> <p>==== The template is sorted into three sections: copyright notices for the<br/>==== TOP-LEVEL component, the license for the top-level component, and the<br/>==== same information for all fourth-party dependencies. If you are not sure<br/>==== about the difference between top-level and fourth-party dependencies,<br/>==== please review the section on Fourth-Party Dependencies in the<br/>==== Corporate Architecture Third-Party Approval FAQ at<br/>==== <a href="https://confluence.oraclecorp.com/confluence/x/O4G_Bg">https://confluence.oraclecorp.com/confluence/x/O4G_Bg</a> .<br/>==== We especially recommend reading "What information is required in the<br/>==== Public Licenses &amp; Copyright Notices field?" and "What is a copyright<br/>==== notice? Where do I find it?"<br/>====</p> <p>=====</p> <p>----- Top-level license -----</p> <p>==== Insert the full text of the top-level license(s) for the component here.<br/>==== This is the license that covers the entire component. If the component<br/>==== is offered under multiple licenses or a choice of licenses, enter all<br/>==== of them. Do not enter only a URL.<br/>====</p> <p>=====</p> <p>APACHE 2.0 - See <a href="#">Appendix E</a><br/>*/</p> <p>----- Fourth-party information<br/>-----</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>=== IF YOU ARE INCLUDING FOURTH-PARTY DEPENDENCIES IN THIS LT:</p> <p>===</p> <p>=== For each fourth-party component, provide the copyright notices and</p> <p>=== license text, clearly identifying to which component they belong.</p> <p>=== You must include this for all dependencies, whether they are bundled</p> <p>=== or downloaded separately, and whether or not you are using them.</p> <p>=== For notices or license text that is shared across multiple components,</p> <p>=== you may group the component names together, so that you do not need to</p> <p>=== have multiple copies of the same license text, or indicate the license</p> <p>=== type if the license text is already provided for another dependency.</p> <p>=== For more guidance, see "How do I record fourth-party dependencies?"</p> <p>=== in the Corporate Architecture Third Party Approval FAQ.</p> <p>===</p> <p>=== If YOU ARE NOT INCLUDING FOURTH-PARTY DEPENDENCIES IN THIS LT, leave</p> <p>=== this section blank. However, if you are seeking distribution, YOU MUST</p> <p>=== have separate business approvals for each dependency. You may use the</p> <p>=== "Fourth-Party Dependencies" section below to identify those other LTs.</p> <p>===</p> <p>=====</p> <p>=====</p> <p>== NAME OF DEPENDENCY 1</p> <p>org.springframework:spring-context</p> <p>== License Type</p> <p>Apache License, Version 2.0</p> <p>== Copyright Notices</p> <p>/*</p> <p>* Copyright 2002-2022 the original author or authors.</p> <p>*</p> <p>* Licensed under the Apache License, Version 2.0 (the "License");</p> <p>* you may not use this file except in compliance with the License.</p> <p>* You may obtain a copy of the License at</p> <p>*</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>* <a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a></p> <p>*</p> <p>* Unless required by applicable law or agreed to in writing, software</p> <p>* distributed under the License is distributed on an "AS IS" BASIS,</p> <p>* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.</p> <p>* See the License for the specific language governing permissions and</p> <p>* limitations under the License.</p> <p>*/</p> <p>------(separator)-----</p> <p>== NAME OF DEPENDENCY 2</p> <p>org.springframework:spring-aop</p> <p>== License Type</p> <p>Apache License, Version 2.0</p> <p>== Copyright Notices</p> <p>/*</p> <p>* Copyright 2002-2022 the original author or authors.</p> <p>*</p> <p>* Licensed under the Apache License, Version 2.0 (the "License");</p> <p>* you may not use this file except in compliance with the License.</p> <p>* You may obtain a copy of the License at</p> <p>*</p> <p>* <a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a></p> <p>*</p> <p>* Unless required by applicable law or agreed to in writing, software</p> <p>* distributed under the License is distributed on an "AS IS" BASIS,</p> <p>* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.</p> <p>* See the License for the specific language governing permissions and</p> <p>* limitations under the License.</p> <p>*/</p> <p>------(separator)-----</p> <p>== NAME OF DEPENDENCY 3</p> <p>org.springframework:spring-beans</p> <p>== License Type</p> <p>Apache License, Version 2.0</p> <p>== Copyright Notices</p> <p>/*</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>* Copyright 2002-2022 the original author or authors.<br/>*<br/>* Licensed under the Apache License, Version 2.0 (the "License");<br/>* you may not use this file except in compliance with the License.<br/>* You may obtain a copy of the License at<br/>*<br/>* <a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a><br/>*<br/>* Unless required by applicable law or agreed to in writing, software<br/>* distributed under the License is distributed on an "AS IS" BASIS,<br/>* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.<br/>* See the License for the specific language governing permissions and<br/>* limitations under the License.<br/>*/<br/>------(separator)-----<br/>== NAME OF DEPENDENCY 4<br/>org.springframework:spring-core<br/>== License Type<br/>Apache License, Version 2.0<br/>== Copyright Notices<br/>/*<br/>* Copyright 2002-2022 the original author or authors.<br/>*<br/>* Licensed under the Apache License, Version 2.0 (the "License");<br/>* you may not use this file except in compliance with the License.<br/>* You may obtain a copy of the License at<br/>*<br/>* <a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a><br/>*<br/>* Unless required by applicable law or agreed to in writing, software<br/>* distributed under the License is distributed on an "AS IS" BASIS,<br/>* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.<br/>* See the License for the specific language governing permissions and<br/>* limitations under the License.<br/>*/</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>------(separator)-----</p> <p>== NAME OF DEPENDENCY 5<br/>org.springframework:spring-jcl<br/>== License Type<br/>Apache License, Version 2.0<br/>== Copyright Notices<br/>/*<br/>* Copyright 2002-2022 the original author or authors.<br/>*<br/>* Licensed under the Apache License, Version 2.0 (the<br/>"License");<br/>* you may not use this file except in compliance with the<br/>License.<br/>* You may obtain a copy of the License at<br/>*<br/>* <a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a><br/>*<br/>* Unless required by applicable law or agreed to in writing,<br/>software<br/>* distributed under the License is distributed on an "AS IS"<br/>BASIS,<br/>* WITHOUT WARRANTIES OR CONDITIONS OF ANY<br/>KIND, either express or implied.<br/>* See the License for the specific language governing<br/>permissions and<br/>* limitations under the License.<br/>*/</p> <p>------(separator)-----</p> <p>== NAME OF DEPENDENCY 6<br/>org.springframework:spring-expression<br/>== License Type<br/>Apache License, Version 2.0<br/>== Copyright Notices<br/>/*<br/>* Copyright 2002-2022 the original author or authors.<br/>*<br/>* Licensed under the Apache License, Version 2.0 (the<br/>"License");<br/>* you may not use this file except in compliance with the<br/>License.<br/>* You may obtain a copy of the License at<br/>*<br/>* <a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a><br/>*<br/>* Unless required by applicable law or agreed to in writing,<br/>software</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>* distributed under the License is distributed on an "AS IS" BASIS,</p> <p>* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.</p> <p>* See the License for the specific language governing permissions and</p> <p>* limitations under the License.</p> <p>*/</p> <p>------(separator)-----</p> <p>== NAME OF DEPENDENCY 7</p> <p>org.springframework:spring-messaging</p> <p>== License Type</p> <p>Apache License, Version 2.0</p> <p>== Copyright Notices</p> <p>/*</p> <p>* Copyright 2002-2022 the original author or authors.</p> <p>*</p> <p>* Licensed under the Apache License, Version 2.0 (the "License");</p> <p>* you may not use this file except in compliance with the License.</p> <p>* You may obtain a copy of the License at</p> <p>*</p> <p>* <a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a></p> <p>*</p> <p>* Unless required by applicable law or agreed to in writing, software</p> <p>* distributed under the License is distributed on an "AS IS" BASIS,</p> <p>* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.</p> <p>* See the License for the specific language governing permissions and</p> <p>* limitations under the License.</p> <p>*/</p> <p>------(separator)-----</p> <p>== NAME OF DEPENDENCY 8</p> <p>org.springframework:spring-tx:jar</p> <p>== License Type</p> <p>Apache License, Version 2.0</p> <p>== Copyright Notices</p> <p>/*</p> <p>* Copyright 2002-2022 the original author or authors.</p> <p>*</p> <p>* Licensed under the Apache License, Version 2.0 (the "License");</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>* you may not use this file except in compliance with the License.</p> <p>* You may obtain a copy of the License at</p> <p>*</p> <p>* <a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a></p> <p>*</p> <p>* Unless required by applicable law or agreed to in writing, software</p> <p>* distributed under the License is distributed on an "AS IS" BASIS,</p> <p>* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.</p> <p>* See the License for the specific language governing permissions and</p> <p>* limitations under the License.</p> <p>*/</p> <p>------(separator)-----</p> <p>== NAME OF DEPENDENCY 9</p> <p>org.springframework.retry:spring-retry</p> <p>== License Type</p> <p>Apache License, Version 2.0</p> <p>== Copyright Notices</p> <p>/*</p> <p>* Copyright 2002-2022 the original author or authors.</p> <p>*</p> <p>* Licensed under the Apache License, Version 2.0 (the "License");</p> <p>* you may not use this file except in compliance with the License.</p> <p>* You may obtain a copy of the License at</p> <p>*</p> <p>* <a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a></p> <p>*</p> <p>* Unless required by applicable law or agreed to in writing, software</p> <p>* distributed under the License is distributed on an "AS IS" BASIS,</p> <p>* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.</p> <p>* See the License for the specific language governing permissions and</p> <p>* limitations under the License.</p> <p>*/</p> <p>------(separator)-----</p> <p>== NAME OF DEPENDENCY 10</p> <p>org.apache.kafka:kafka-clients</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <pre> == License Type Apache License, Version 2.0 == Copyright Notices Copyright 2022 The Apache Software Foundation. ------(separator)----- == NAME OF DEPENDENCY 11 com.github.luben:zstd-jni == License Type LICENSE: Zstd-jni: JNI bindings to Zstd Library Copyright (c) 2015-present, Luben Karavelov/ All rights reserved. BSD License See <a href="#">Appendix M</a> src/main/native/LICENSE: BSD License For Zstandard software Copyright (c) 2016-present, Facebook, Inc. All rights reserved. See <a href="#">Appendix M</a> src/main/native/COPYING: GPLv2 == Copyright Notices Zstd-jni: JNI bindings to Zstd Library Copyright (c) 2015-present, Luben Karavelov/ All rights reserved. For Zstandard software Copyright (c) 2016-present, Facebook, Inc. All rights reserved. From README The code for these JNI bindings is licenced under 2-clause BSD license. The native Zstd library is licensed under 3-clause BSD license or GPLv2. See the LICENSE file and LICENSE and COPYRIGHT in src/main/native for full copyright and conditions. ------(separator)----- == NAME OF DEPENDENCY 12 org.lz4:lz4-java == License Type Apache License, Version 2.0 == Copyright Notices /* </pre> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>* Copyright 2020 Adrien Grand and the lz4-java contributors.<br/>*<br/>* Licensed under the Apache License, Version 2.0 (the "License");<br/>* you may not use this file except in compliance with the License.<br/>* You may obtain a copy of the License at<br/>*<br/>* <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a><br/>*<br/>* Unless required by applicable law or agreed to in writing, software<br/>* distributed under the License is distributed on an "AS IS" BASIS,<br/>* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.<br/>* See the License for the specific language governing permissions and<br/>* limitations under the License.<br/>*/<br/>------(separator)-----<br/>== NAME OF DEPENDENCY 13<br/>org.xerial.snappy:snappy-java<br/>== License Type<br/>Apache License, Version 2.0<br/>== Copyright Notices<br/>/*-----<br/>* Copyright 2011 Taro L. Saito<br/>*<br/>* Licensed under the Apache License, Version 2.0 (the "License");<br/>* you may not use this file except in compliance with the License.<br/>* You may obtain a copy of the License at<br/>*<br/>* <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a><br/>*<br/>* Unless required by applicable law or agreed to in writing, software<br/>* distributed under the License is distributed on an "AS IS" BASIS,<br/>* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.<br/>* See the License for the specific language governing permissions and<br/>* limitations under the License.<br/>*-----*/</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>------(separator)-----</p> <p>== NAME OF DEPENDENCY 14</p> <p>com.google.code.findbugs:jsr305</p> <p>== License Type</p> <p>From <a href="https://github.com/findbugsproject/findbugs/blob/master/findbugs/licenses/LICENSE-jsr305.txt">https://github.com/findbugsproject/findbugs/blob/master/findbugs/licenses/LICENSE-jsr305.txt</a></p> <p>The JSR-305 reference implementation (lib/jsr305.jar) is distributed under the terms of the New BSD license:</p> <p><a href="http://www.opensource.org/licenses/bsd-license.php">http://www.opensource.org/licenses/bsd-license.php</a></p> <p>See the JSR-305 home page for more information:</p> <p><a href="http://code.google.com/p/jsr-305/">http://code.google.com/p/jsr-305/</a></p> <p>From <a href="https://opensource.org/licenses/bsd-license.php">https://opensource.org/licenses/bsd-license.php</a>:</p> <p>Copyright &lt;YEAR&gt; &lt;COPYRIGHT HOLDER&gt;</p> <p>See <a href="#">Appendix M</a></p> <p>== Copyright Notices</p> <p>Copyright (c) 2005 Brian Goetz</p> <p>Copyright (c) 2007-2009, JSR305 expert group</p> <p>------(separator)-----</p> <p>== NAME OF DEPENDENCY 15</p> <p>org.slf4j:slf4j-api</p> <p>== License Type</p> <p>Copyright (c) 2004-2022 QOS.ch Sarl (Switzerland)</p> <p>All rights reserved.</p> <p>See <a href="#">Appendix G</a></p> <p>== Copyright Notices</p> <p>Copyright (c) 2004-2007 QOS.ch Sarl (Switzerland)</p> <p>All rights reserved.</p> <p>------(separator)-----</p> <p>== LICENSES</p> <p>== Text of license (Apache License, Version 2.0)</p> <p>Apache License, Version 2.0</p> <p>APACHE 2.0 - See <a href="#">Appendix E</a></p> <p>== Text of license (GPLv2)</p> <p>GPLv2</p> <p><a href="#">GNU GENERAL PUBLIC LICENSE</a></p> <p>END OF TERMS AND CONDITIONS</p> <p>How to Apply These Terms to Your New Programs</p> <p>If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>free software which everyone can redistribute and change under these terms.</p> <p>To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.</p> <p>&lt;one line to give the program's name and a brief idea of what it does.&gt;</p> <p>Copyright (C) &lt;year&gt; &lt;name of author&gt;</p> <p>This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.</p> <p>This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.</p> <p>You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA.</p> <p>Also add information on how to contact you by electronic and paper mail.</p> <p>If the program is interactive, make it output a short notice like this when it starts in an interactive mode:</p> <p>Gnomovision version 69, Copyright (C) year name of author<br/>Gnomovision comes with ABSOLUTELY NO WARRANTY;<br/>for details type `show w'.<br/>This is free software, and you are welcome to redistribute it under certain conditions; type `show c' for details.</p> <p>The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>mouse-clicks or menu items--whatever suits your program.</p> <p>You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:</p> <p>Yoyodyne, Inc., hereby disclaims all copyright interest in the program</p> <p>`Gnomovision' (which makes passes at compilers) written by James Hacker.</p> <p>&lt;signature of Ty Coon&gt;, 1 April 1989</p> <p>Ty Coon, President of Vice</p> <p>This General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Lesser General Public License instead of this License.</p> <p>TOP-LEVEL COPYRIGHT NOTICE for org.springframework.kafka:spring-kafka</p> <p>Apache License 2.0</p> <p>-----separator-----</p> <p>TOP-LEVEL LICENSE TEXT for org.springframework.kafka:spring-kafka</p> <p><a href="#">Apache License</a></p> <p>END OF TERMS AND CONDITIONS</p> <p>APPENDIX: How to apply the Apache License to your work.</p> <p>To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class testData1 and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.</p> <p>Copyright [yyyy] [testData1 of copyright owner]</p> <p>Licensed under the Apache License, Version 2.0 (the "License");</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>you may not use this file except in compliance with the License.</p> <p>You may obtain a copy of the License at</p> <p><a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.</p> <p>-----Notice -----</p> <p>Spring for Apache Kafka Framework \${version}<br/>Copyright (c) 2016-\${copyright} Pivotal, Inc.</p> <p>This product is licensed to you under the Apache License, Version 2.0 (the "License"). You may not use this product except in compliance with the License.</p> <p>This product may include a number of subcomponents with separate copyright notices and license terms. Your use of the source code for these subcomponents is subject to the terms and conditions of the subcomponent's license, as noted in the license.txt file.</p> <p>-----separator-----</p> <p>FOURTH-PARTY DEPENDENCY #1<br/>org.springframework:spring-context:jar:5.3.20</p> <p>FOURTH-PARTY DEPENDENCY #2<br/>org.springframework:spring-aop:jar:5.3.20</p> <p>FOURTH-PARTY DEPENDENCY #3<br/>org.springframework:spring-beans:jar:5.3.20</p> <p>FOURTH-PARTY DEPENDENCY #4<br/>org.springframework:spring-core:jar:5.3.20</p> <p>FOURTH-PARTY DEPENDENCY #5<br/>org.springframework:spring-jcl:jar:5.3.20</p> <p>FOURTH-PARTY DEPENDENCY #6<br/>org.springframework:spring-expression:jar:5.3.20</p> <p>FOURTH-PARTY DEPENDENCY #7<br/>org.springframework:spring-messaging:jar:5.3.20</p> <p>FOURTH-PARTY DEPENDENCY #8<br/>org.springframework:spring-tx:jar:5.3.20</p> <p>FOURTH-PARTY DEPENDENCY #9<br/>org.springframework.retry:spring-retry:jar:1.3.3</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>FOURTH-PARTY DEPENDENCY #10<br/>com.google.code.findbugs:jsr305:jar:3.0.2</p> <p>FOURTH-PARTY DEPENDENCY #11<br/>org.apache.kafka:kafka-clients:jar:3.1.1</p> <p>FOURTH-PARTY DEPENDENCY #12 org.lz4:lz4-java:jar:1.8.0</p> <p>FOURTH-PARTY DEPENDENCY #13<br/>org.xerial.snappy:snappy-java:jar:1.1.8.4</p> <p>COMMON COPYRIGHT NOTICES</p> <p>Apache License 2.0</p> <p>COMMON LICENSE TEXT</p> <p>Same as TEXT mentioned under TOP-LEVEL License Text</p> <p>-----Notice -----</p> <p>Spring Framework \${version}<br/>Copyright (c) 2002-\${copyright} Pivotal, Inc.</p> <p>This product is licensed to you under the Apache License, Version 2.0<br/>(the "License"). You may not use this product except in compliance with<br/>the License.</p> <p>This product may include a number of subcomponents with separate<br/>copyright notices and license terms. Your use of the source code for<br/>these subcomponents is subject to the terms and conditions of the<br/>subcomponent's license, as noted in the license.txt file.</p> <p>-----separator-----</p> <p>FOURTH-PARTY DEPENDENCY #14<br/>com.github.luben:zstd-jni:jar:1.5.0-4</p> <p>Zstd-jni: JNI bindings to Zstd Library</p> <p>Copyright (c) 2015-present, Luben Karavelov/ All rights reserved.</p> <p>BSD License</p> <p>See <a href="#">Appendix M</a></p> <p>-----separator-----</p> <p>FOURTH-PARTY DEPENDENCY #15 org.slf4j:slf4j-api:jar:1.7.36</p> <p>Copyright (c) 2004-2017 QOS.ch<br/>All rights reserved.</p> <p>See <a href="#">Appendix G</a></p> <p>-----separator-----</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider              | Component (s)                            | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-----------------------|------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Pivotal Software, Inc | Spring Retry 1.3.3<br>Spring Retry 2.0.1 | <pre> spring-retry 1.3.1 License: Apache License Version 2.0 Copyright notice: [3] License: [0]  ***4th Party dependencies***  spring-core 5.3.6 License: Apache License Version 2.0 Copyright notice: [2] License: [0]  spring-jcl 5.3.6 License: Apache License Version 2.0 Copyright notice: [2] License: [0]  commons-logging 1.2 License: Apache License Version 2.0 Copyright notice: [1] License: [0]  references:  ===== Start of Reference [0] =====  APACHE 2.0 - See <a href="#">Appendix E</a>  ===== End of Reference [0] =====  ===== Start of Reference [1] =====  Apache Commons Logging Copyright 2003-2014 The Apache Software Foundation  This product includes software developed at The Apache Software Foundation (http:// www.apache.org/).  ===== End of Reference [1] =====  ===== Start of Reference [2] =====  Spring Framework \${version} Copyright (c) 2002-\${copyright} Pivotal, Inc.  This product is licensed to you under the Apache License, Version 2.0 (the "License"). You may not use this product </pre> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider        | Component (s)                                         | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-----------------|-------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                 |                                                       | <p>except in compliance with the License.</p> <p>This product may include a number of subcomponents with separate copyright notices and license terms. Your use of the source code for these subcomponents is subject to the terms and conditions of the subcomponent's license, as noted in the license.txt file.</p> <p>===== End of Reference [2]<br/>=====</p> <p>===== Start of Reference [3]<br/>=====</p> <pre> /*  * Copyright 2014 the original author or authors.  *  * Licensed under the Apache License, Version 2.0  * (the "License");  * you may not use this file except in compliance  * with the License.  * You may obtain a copy of the License at  *  *     https://www.apache.org/licenses/LICENSE-2.0  *  * Unless required by applicable law or agreed to  * in writing, software  * distributed under the License is distributed on  * an "AS IS" BASIS,  * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND,  * either express or implied.  * See the License for the specific language  * governing permissions and  * limitations under the License.  */ ===== End of Reference [3] ===== </pre> |
| tcpdump project | tcpdump 4.9.3-1<br>tcpdump 4.9.3-2<br>tcpdump 4.9.3-3 | <p>License: BSD</p> <p>See <a href="#">Appendix M</a></p> <p>.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider       | Component (s)                                                            | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                  |
|----------------|--------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Apache         | test-results-analyzer-plugin 0.4.0<br>test-results-analyzer-plugin 0.4.1 | <p>Copyright (c) 2006, 2008 Junio C Hamano</p> <p>Copyright (C) 2011-2014 by Yehuda Katz</p> <p>Copyright (c) 2013 jQuery Foundation and other contributors Licensed MIT</p> <p>-----separator-----</p> <p>Apache License</p> <p>Version 2.0, January 2004</p> <p><a href="http://www.apache.org/licenses/">http://www.apache.org/licenses/</a></p> <p>APACHE 2.0 - See <a href="#">Appendix E</a></p> |
| Markus Siemens | TinyDB 4.5.1<br>TinyDB 4.5.2                                             | <p>Copyright (C) 2013 Markus Siemens</p> <p>See <a href="#">Appendix G</a></p>                                                                                                                                                                                                                                                                                                                         |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider     | Component (s)   | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|--------------|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Tom Akehurst | WireMock 2.27.1 | <p>Copyright (C) 2011 Thomas Akehurst<br/> APACHE 2.0 - See <a href="#">Appendix E</a><br/> +++++</p> <p>4th party dependencies<br/> +++++</p> <p>Jetty, v9.2.28.v20190418, EPL v1.0 &amp; Apache 2.0 Copyright<br/> -----</p> <p>All contributions are the property of the respective authors or<br/> of entities to which<br/> copyright has been assigned by the authors (eg. employer).<br/> Declared Project Licenses<br/> -----</p> <p>This artifacts of this project are made available under the<br/> terms of:</p> <p>* the Eclipse Public License v. 1.0<br/> <a href="http://www.eclipse.org/legal/epl-v10.html">http://www.eclipse.org/legal/epl-v10.html</a> SPDX-License-<br/> Identifier: EPL-1.0 or</p> <p>* the Apache License, Version 2.0<br/> <a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a>.<br/> SPDX-License-Identifier: Apache-2.0<br/> +++++</p> <p>Guava, v20.0, Apache 2.0<br/> /*<br/> * Copyright (C) 2012 The Guava Authors<br/> *<br/> * Licensed under the Apache License, Version 2.0 (the<br/> "License");<br/> you may not use this file except<br/> * in compliance with the License. You may obtain a copy of<br/> the License at<br/> *<br/> * <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a><br/> *<br/> * Unless required by applicable law or agreed to in writing,<br/> software distributed<br/> under the License<br/> * is distributed on an "AS IS" BASIS, WITHOUT<br/> WARRANTIES OR<br/> CONDITIONS OF ANY KIND, either express<br/> * or implied. See the License for the specific language<br/> governing permissions and<br/> limitations under * the License.<br/> */<br/> +++++</p> <p>jackson.core, v2.11.0, Apache 2.0<br/> -----</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>Copyright from source code</p> <p>-----</p> <p>/*</p> <p>Jackson JSON-processor.</p> <p>*</p> <p>* Copyright (c) 2007- Tatu Saloranta, tatu.saloranta@iki.fi</p> <p>*/</p> <p>-----</p> <p>Apache License Version 2.0, January 2004</p> <p><a href="http://www.apache.org/licenses/">http://www.apache.org/licenses/</a></p> <p>+++++</p> <p>httpClient, v4.5.12, Apache 2.0 Apache HttpComponents Client</p> <p>Copyright 1999-2020</p> <p>The Apache Software Foundation</p> <p>This product includes software developed at</p> <p>The Apache Software Foundation (<a href="http://www.apache.org/">http://www.apache.org/</a>).</p> <p><a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>+++++ xmlunit, v2.7.0 ,</p> <p>Apache 2.0 Copyright (c) 2001-2008,2010,2014-2016,2020</p> <p>Jeff Martin, Tim Bacon</p> <p>All rights reserved.</p> <p>+++++</p> <p>json-path, v2.4.0, Apache 2.0</p> <p>Copyright 2017 Jayway Licensed under the</p> <p>Apache License, Version 2.0 (the "License");</p> <p>you may not use this file except in compliance with the</p> <p>License.</p> <p>You may obtain a copy of the License at</p> <p><a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>+++++</p> <p>slf4j-api, v1.7.12, MIT Copyright (c) 2004-2008 QOS.ch All</p> <p>rights reserved.</p> <p>See <a href="#">Appendix G</a></p> <p>+++++</p> <p>commons-lang3, v3.7, Apache 2.0 commons-fileupload:</p> <p>v1.4, Apache 2.0</p> <p>Copyright 2002-2018 The Apache Software Foundation</p> <p>This product includes software developed at</p> <p>The Apache Software Foundation (<a href="http://www.apache.org/">http://www.apache.org/</a>).</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider   | Component (s)  | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|------------|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Joe Walnes | XStream 1.4.17 | <pre> ===== ----- Top-level license ----- Copyright (c) 2003-2006, Joe Walnes Copyright (c) 2006-2020, XStream Committers All rights reserved. See <a href="#">Appendix M</a> ===== ----- ----- Copyright notices ----- Copyright (C) 2006 Joe Walnes. Copyright (C) 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2015, 2016, 2017, 2018, 2019, 2020, 2021 XStream committers. All rights reserved. The software in this package is published under the terms of the BSD style license a copy of which has been included with this distribution in the LICENSE.txt file.===== ===== ----- Fourth-party information ----- 4th Party Component #1 xmllpull 4th Party Component #1 License: Public 4th Party Component #1 CopyRight Notice: ----- XMLPULL API IS FREE ----- All of the XMLPULL API source code, compiled code, and documentation contained in this distribution *except* for tests (see separate LICENSE_TESTS.txt) are in the Public Domain. XMLPULL API comes with NO WARRANTY or guarantee of fitness for any purpose. Initial authors: Stefan Haustein Aleksander Slominski 2001-12-12 ===== 4th Party Component #2: xpp3_min-1.1.4c 4th Party Component #2 License : CC0 1.0 Public Indiana University Extreme! Lab Software License, Version 1.2 Copyright (C) 2003 The Trustees of Indiana University. All rights reserved. Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met: 1) All redistributions of source code must retain the above copyright notice, the list of authors in the original source code, this list of conditions and the disclaimer listed in this license; 2) All redistributions in binary form must reproduce the above copyright notice, this list of conditions and the disclaimer listed in this license in the documentation and/or other materials provided with the distribution; 3) Any documentation included with all redistributions must include the following acknowledgement: "This product includes software developed by the Indiana University Extreme! Lab. For further information please visit http://www.extreme.indiana.edu/" Alternatively, this acknowledgment may appear in the software itself, and wherever such third-party acknowledgments normally appear. 4) The name "Indiana University" or "Indiana University Extreme! Lab" shall not be used to endorse or promote products derived from this software without prior written permission from Indiana University. For written permission, please contact http://www.extreme.indiana.edu/. 5) Products derived from this software may not use "Indiana University" name nor may "Indiana University" appear in their name, without prior written permission of the Indiana </pre> |

Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>University. Indiana University provides no reassurances that the source code provided does not infringe the patent or any other intellectual property rights of any other entity. Indiana University disclaims any liability to any recipient for claims brought by any other entity based on infringement of intellectual property rights or otherwise. LICENSEE UNDERSTANDS THAT SOFTWARE IS PROVIDED "AS IS" FOR WHICH NO WARRANTIES AS TO CAPABILITIES OR ACCURACY ARE MADE. INDIANA UNIVERSITY GIVES NO WARRANTIES AND MAKES NO REPRESENTATION THAT SOFTWARE IS FREE OF INFRINGEMENT OF THIRD PARTY PATENT, COPYRIGHT, OR OTHER PROPRIETARY RIGHTS. INDIANA UNIVERSITY MAKES NO WARRANTIES THAT SOFTWARE IS FREE FROM "BUGS", "VIRUSES", "TROJAN HORSES", "TRAP DOORS", "WORMS", OR OTHER HARMFUL CODE. LICENSEE ASSUMES THE ENTIRE RISK AS TO THE PERFORMANCE OF SOFTWARE AND/OR ASSOCIATED MATERIALS, AND TO THE PERFORMANCE AND VALIDITY OF INFORMATION GENERATED USING SOFTWARE. 4th Party Component #2 Copyright Notice: ----- Copyright (c) 2003 Extreme! Lab, Indiana University. All rights reserved. This software is open source. See the bottom of this file for the license. \$Id: MXParser.java,v 1.52 2006/11/09 18:29:37 aslom Exp \$ ----- 4th Party Component #3 io.github.x-stream:mxparser 4th Party Component #3 License: Indiana University Extreme! Lab Software License, Version 1.2 Copyright (C) 2003 The Trustees of Indiana University. All rights reserved. Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met: 1) All redistributions of source code must retain the above copyright notice, the list of authors in the original source code, this list of conditions and the disclaimer listed in this license; 2) All redistributions in binary form must reproduce the above copyright notice, this list of conditions and the disclaimer listed in this license in the documentation and/or other materials provided with the distribution; 3) Any documentation included with all redistributions must include the following acknowledgement: "This product includes software developed by the Indiana University Extreme! Lab. For further information please visit <a href="http://www.extreme.indiana.edu/">http://www.extreme.indiana.edu/</a>" Alternatively, this acknowledgment may appear in the software itself, and wherever such third-party acknowledgments normally appear. 4) The name "Indiana University" or "Indiana University Extreme! Lab" shall not be used to endorse or promote products derived from this software without prior written permission from Indiana University. For written permission, please contact <a href="http://www.extreme.indiana.edu/">http://www.extreme.indiana.edu/</a>. 5) Products derived from this software may not use "Indiana University" name nor may "Indiana University" appear in their name, without prior written permission of the Indiana University. Indiana University provides no reassurances that the source code provided does not infringe the patent or any other intellectual property rights of any other entity. Indiana</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>University disclaims any liability to any recipient for claims brought by any other entity based on infringement of intellectual property rights or otherwise. LICENSEE UNDERSTANDS THAT SOFTWARE IS PROVIDED "AS IS" FOR WHICH NO WARRANTIES AS TO CAPABILITIES OR ACCURACY ARE MADE. INDIANA UNIVERSITY GIVES NO WARRANTIES AND MAKES NO REPRESENTATION THAT SOFTWARE IS FREE OF INFRINGEMENT OF THIRD PARTY PATENT, COPYRIGHT, OR OTHER PROPRIETARY RIGHTS. INDIANA UNIVERSITY MAKES NO WARRANTIES THAT SOFTWARE IS FREE FROM "BUGS", "VIRUSES", "TROJAN HORSES", "TRAP DOORS", "WORMS", OR OTHER HARMFUL CODE. LICENSEE ASSUMES THE ENTIRE RISK AS TO THE PERFORMANCE OF SOFTWARE AND/OR ASSOCIATED MATERIALS, AND TO THE PERFORMANCE AND VALIDITY OF INFORMATION GENERATED USING SOFTWARE. -----</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider   | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|------------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| OpenZipkin | Zipkin 2.21.2 | <p>Copyright 2015-2018 The OpenZipkin Authors</p> <p>Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.</p> <p>-----</p> <p>Below are 4th party dependencies.</p> <p>org.jooq &gt;&gt; jooq, 3.11.9, apache 2.0</p> <p>Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.</p> <p>+++++</p> <p>spring-boot, 2.1.2.RELEASE, apache 2.0</p> <p>-----</p> <p>Licensed to the Apache Software Foundation (ASF) under one or more contributor license agreements. See the NOTICE file distributed with this work for additional information regarding copyright ownership. The ASF licenses this file to you under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License.</p> <p>You may obtain a copy of the License at <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.</p> <p>+++++</p> <p>okhttp3, 3.12.1, apache 2.0</p> <p>Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>"AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.</p> <p>+++++</p> <p>com.squareup.okio, 1.17.3, APACHE 2.0</p> <p>Copyright 2013 Square, Inc.</p> <p>Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.</p> <p>+++++</p> <p>com.squareup.moshi, 1.8.0, apache 2.0</p> <p>Copyright 2015 Square, Inc.</p> <p>Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.</p> <p>+++++</p> <p>com.google.auto.value, 1.6.3, apache 2.0</p> <p>Copyright 2013 Google, Inc.</p> <p>Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></p> <p>Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.</p> <p>+++++</p> <p>log4j, 2.11.0, apache 2.0</p> <p>Apache Log4j</p> <p>Copyright 1999-2017 Apache Software Foundation</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider   | Component (s)               | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|------------|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|            |                             | This product includes software developed at The Apache Software Foundation ( <a href="http://www.apache.org/">http://www.apache.org/</a> ).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| OpenZipkin | zipkin-reporter-java 2.15.0 | <p>Copyright 2016-2018 The OpenZipkin Authors<br/> APACHE 2.0 - See <a href="#">Appendix E</a><br/> +++++</p> <p>Below 4th party dependency<br/> +++++</p> <p>com.squareup.okhttp3, 3.12.1, Apache 2.0<br/> Copyright (C) 2013 Square, Inc.<br/> Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a><br/> Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.<br/> +++++</p> <p>io.zipkin.zipkin2, 2.12.1, Apache 2.0<br/> Copyright 2015-2018 The OpenZipkin Authors<br/> Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a><br/> Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider        | Component (s)     | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-----------------|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Michael Bayer   | SQLAlchemy 2.0.21 | <p>----- Top-level license -----</p> <p>Copyright 2005-2022 SQLAlchemy authors and contributors .<br/>Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions: The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software. THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE. ----- Copyright notices ----- see above ----- Fourth-party information ----- == NAME OF DEPENDENCY 1 greenlet == License Type MIT and PSF ==</p> <p>Copyright Notices The following files are derived from Stackless Python and are subject to the same license as Stackless Python: src/greenlet/slp_platformselect.h files in src/greenlet/platform/ directory See LICENSE.PSF and <a href="http://www.stackless.com/">http://www.stackless.com/</a> for details. Unless otherwise noted, the files in greenlet have been released under the following MIT license:</p> <p>MIT License See <a href="#">Appendix G</a></p> |
| Charlie Robbins | winston 3.11.0    | <p>/** * winston.js: Top-level include defining Winston. * * (C) 2010 Charlie Robbins * MIT LICENCE */ _____</p> <p>_____ Copyright (c) 2010 Charlie Robbins Permission is hereby granted, free of charge, to any person obtaining a copy of thi ... .. MIT License See <a href="#">Appendix G</a></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider                         | Component (s)  | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------------------------------|----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Zope Foundation and Contributors | waitress 2.1.2 | <p>Zope Public License (ZPL) Version 2.1</p> <p>A copyright notice accompanies this license document that identifies the copyright holders.</p> <p>This license has been certified as open source. It has also been designated as GPL compatible by the Free Software Foundation (FSF).</p> <p>Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:</p> <ol style="list-style-type: none"> <li>1. Redistributions in source code must retain the accompanying copyright notice, this list of conditions, and the following disclaimer.</li> <li>2. Redistributions in binary form must reproduce the accompanying copyright notice, this list of conditions, and the following disclaimer in the documentation and/or other materials provided with the distribution.</li> <li>3. Names of the copyright holders must not be used to endorse or promote products derived from this software without prior written permission from the copyright holders.</li> <li>4. The right to distribute this software or to use it for any purpose does not give you the right to use Servicemarks (sm) or Trademarks (tm) of the copyright holders. Use of them is covered by separate agreement with the copyright holders.</li> <li>5. If any files are modified, you must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.</li> </ol> <p>Disclaimer</p> <p>THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS ``AS IS" AND ANY EXPRESSED OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>EVENT SHALL THE COPYRIGHT HOLDERS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p> <p>Copyright (c) 2001, 2002 Zope Foundation and Contributors.</p> <p>-----</p> <p>-----</p> <p>-----</p> <p>-----</p> <p>-----</p> <p><a href="https://github.com/Pylons/waitress/blob/v2.1.2/src/waitress/wasyncore.py">https://github.com/Pylons/waitress/blob/v2.1.2/src/waitress/wasyncore.py</a> :</p> <p>-----</p> <p>--</p> <p># -*- Mode: Python -*-</p> <p># Id: asyncore.py,v 2.51 2000/09/07 22:29:26 rushing Exp</p> <p># Author: Sam Rushing</p> <p>#</p> <p>=====</p> <p>=====</p> <p># Copyright 1996 by Sam Rushing</p> <p>#</p> <p># All Rights Reserved</p> <p>#</p> <p># Permission to use, copy, modify, and distribute this software and</p> <p># its documentation for any purpose and without fee is hereby</p> <p># granted, provided that the above copyright notice appear in all</p> <p># copies and that both that copyright notice and this permission</p> <p># notice appear in supporting documentation, and that the name of Sam</p> <p># Rushing not be used in advertising or publicity pertaining to</p> <p># distribution of the software without specific, written prior</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider                                 | Component (s)                | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|------------------------------------------|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                          |                              | # permission.<br>#<br># SAM RUSHING DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE,<br># INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS, IN<br># NO EVENT SHALL SAM RUSHING BE LIABLE FOR ANY SPECIAL, INDIRECT OR<br># CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS<br># OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT,<br># NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN<br># CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.<br>#<br>===== |
| Red Hat, Inc and Individual Contributors | undertow-core 2.3.10         | Apache License Version 2.0, January 2004 <a href="http://www.apache.org/licenses/">http://www.apache.org/licenses/</a><br>APACHE 2.0<br>See <a href="#">Appendix E</a>                                                                                                                                                                                                                                                                                                                                                         |
| Pivotal, Inc.                            | spring-ws-security 4.0.4     | =====<br>org.springframework.ws:spring-ws-security<br>=====<br>===== Copyright<br>----- Copyright 201 ... ..<br>APACHE 2.0 - See <a href="#">Appendix E</a>                                                                                                                                                                                                                                                                                                                                                                    |
| OpenStack.org                            | python-openstackclient 6.2.0 | ----- Top-level license -----<br>Apache License Version 2.0, January 2004 <a href="http://www.apache.org/licenses/">http://www.apache.org/licenses/</a> TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION<br>APACHE 2.0 - See <a href="#">Appendix E</a>                                                                                                                                                                                                                                                            |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider                   | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------------------------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Stuart Knightley<br>et. al | JSZip 3.10.1  | <p><a href="https://github.com/Stuk/jszip/blob/master/LICENSE.markdown">https://github.com/Stuk/jszip/blob/master/LICENSE.markdown</a><br/> JSZip is dual-licensed - it may be used under the MIT license or the GPLv3 license.<br/> The MIT License<br/> See <a href="#">Appendix G</a><br/> GPL version 3<br/> See <a href="#">Appendix W</a><br/> 4th party dependencies (as mentioned in <a href="https://github.com/Stuk/jszip/blob/master/package.json">https://github.com/Stuk/jszip/blob/master/package.json</a>)</p> <hr/> <p>Pako<br/> <a href="https://github.com/nodeca/pako/blob/master/LICENSE">https://github.com/nodeca/pako/blob/master/LICENSE</a><br/> The MIT License - See <a href="#">Appendix G</a><br/> lie<br/> <a href="https://github.com/calvinmetcalf/lie/releases/tag/v3.3.0">https://github.com/calvinmetcalf/lie/releases/tag/v3.3.0</a><br/> The MIT License - See <a href="#">Appendix G</a><br/> immediate<br/> Copyright (c) 2012 Barnesandnoble.com, llc, Donavon West, Domenic Denicola, Brian Cavalier<br/> Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files<br/> (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish,<br/> distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the<br/> following conditions: The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.<br/> THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT<br/> LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN<br/> NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY,<br/> WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE<br/> SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.</p> <hr/> <p>set-immediate-shim</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p><a href="https://github.com/sindresorhus/set-immediate-shim">https://github.com/sindresorhus/set-immediate-shim</a><br/>The MIT License <a href="#">Appendix G</a></p> <p>-----</p> <p>readable-stream<br/><a href="https://github.com/nodejs/readable-stream">https://github.com/nodejs/readable-stream</a><br/>Node.js is licensed for use as follows:<br/>Copyright Node.js contributors. All rights reserved.<br/>Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions: The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.<br/>THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT.<br/>IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.<br/>""""</p> <p>This license applies to parts of Node.js originating from the <a href="https://github.com/joyent/node">https://github.com/joyent/node</a> repository:<br/>Copyright Joyent, Inc. and other Node contributors. All rights reserved. Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:<br/>The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING</p> <p>BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND</p> <p>NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM,</p> <p>DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM,</p> <p>OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.</p> <p>-----</p> <p>inherits</p> <p><a href="https://github.com/isaacs/inherits">https://github.com/isaacs/inherits</a></p> <p>The ISC License</p> <p>Copyright (c) Isaac Z. Schlueter</p> <p>Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above</p> <p>copyright notice and this permission notice appear in all copies. THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL</p> <p>WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS.</p> <p>IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY</p> <p>DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE</p> <p>OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.</p> <p>-----</p> <p>string_decoder</p> <p>Node.js is licensed for use as follows:</p> <p>Copyright Node.js contributors. All rights reserved.</p> <p>Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"),</p> <p>to deal in the Software</p> <p>without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions: The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software. THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.</p> <p>-----</p> <p>This license applies to parts of Node.js originating from the <a href="https://github.com/joyent/node">https://github.com/joyent/node</a> repository: <a href="https://github.com/joyent/node">https://github.com/joyent/node</a> repository:</p> <p>Copyright Joyent, Inc. and other Node contributors. All rights reserved. Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions: The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software. THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.</p> <p>-----</p> <p>safe-buffer</p> <p>The Mit License - See <a href="#">Appendix G</a></p> <p>-----</p> <p>util-deprecate</p> <p>The MIT License</p> <p>Copyright (c) 2014 Nathan Rajlich &lt;nathan@tootallnate.net&gt;</p> <p>See <a href="#">Appendix G</a></p> <p>-----</p> <p>core-util-is</p> <p>MIT</p> <p>Copyright Node.js contributors. All rights reserved.</p> <p>Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions: The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software. THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.</p> <p>-----</p> <p>isarray</p> <p>MIT License</p> <p>Copyright (c) 2013 Julian Gruber &lt;julian@juliangruber.com&gt;</p> <p>See <a href="#">Appendix G</a></p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider        | Component (s)   | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-----------------|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                 |                 | <p>-----</p> <p>process-nextick-args</p> <p>MIT</p> <p>Copyright (c) 2015 Calvin Metcalf</p> <p>Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to</p> <p>deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or</p> <p>sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:</p> <p>The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.</p> <p>THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING</p> <p>BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE</p> <p>AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY</p> <p>CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM,</p> <p>OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.</p> |
| jsonwebtoken.io | jjwt-api 0.12.3 | <p>Top Level License : jjwt-api 0.12.3</p> <p>* Copyright</p> <p>Copyright 2018 JWTK</p> <p>Copyright (C) 2014 jsonwebtoken.io</p> <p>* Notice</p> <p>Copyright 2018 JWTK Licensed under the Apache License, Version 2.0 (the "License")</p> <p>See <a href="#">Appendix E</a></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider        | Component (s)                     | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-----------------|-----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CloudBees, Inc. | Pipeline Plugin 596.v8c21c963d92d | <p>Pipeline plugin, 2.6<br/>The MIT License<br/>See <a href="#">Appendix G</a></p> <p>-----</p> <p>Pipeline: API (workflow-api) v2.47</p> <p>-----</p> <p>The MIT License<br/>See <a href="#">Appendix G</a></p> <p>workflow-job-plugin, 2.42(Pipeline: Job)<br/>The MIT License<br/>See <a href="#">Appendix G</a></p> <p>workflow-basic-steps-plugin 2.24 (Pipeline: Basic Steps)<br/>The MIT License. See <a href="#">Appendix G</a></p> <p>workflow-cps 2.94 (Pipeline: Groovy) ~ The MIT License<br/>See <a href="#">Appendix G</a></p> <p>workflow-durable-task-step 2.40 (Pipeline: Nodes and Processes)<br/>The MIT License<br/>See <a href="#">Appendix G</a></p> <p>workflow-scm-step 2.13 (Pipeline: SCM Step)<br/>The MIT License. See <a href="#">Appendix G</a></p> <p>workflow-step-api 2.24 (Pipeline: Step API v.2.7)<br/>The MIT License. See <a href="#">Appendix G</a></p> <p>workflow-support 3.8 (Pipeline: Supporting APIs)<br/>The MIT License. See <a href="#">Appendix G</a></p> <p>Pipeline: Stage View v.2.19<br/>The MIT License. See <a href="#">Appendix G</a></p> <p>Pipeline: Input Step v.2.12<br/>The MIT License. See <a href="#">Appendix G</a></p> <p>Pipeline: Shared Groovy Libraries v.2.21<br/>The MIT License. See <a href="#">Appendix G</a></p> <p>Pipeline: Multibranch v.2.26<br/>The MIT License. See <a href="#">Appendix G</a></p> <p>Pipeline: Declarative v.1.9.2<br/>The MIT License. See <a href="#">Appendix G</a></p> <p>Pipeline: Stage Step v.2.5<br/>The MIT License. See <a href="#">Appendix G</a></p> <p>Pipeline: Build Step v.2.15<br/>The MIT License. See <a href="#">Appendix G</a></p> <p>Pipeline: Milestone Step v.1.3.2<br/>The MIT License. See <a href="#">Appendix G</a></p> <p>bouncycastle API 2.25 IMPLIED DEPENDENCY ONLY -- No calls to BC api found within code</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider                       | Component (s)           | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|--------------------------------|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                |                         | <p>The MIT License. See <a href="#">Appendix G</a></p> <p>Command Agent Launcher ( command-launcher-plugin) v.1.06</p> <p>The MIT License. See <a href="#">Appendix G</a></p> <p>script-security-plugin v.1.78</p> <p>The MIT License. See <a href="#">Appendix G</a></p> <p>JDK Tool (jdk-tool-plugin) v.1.5</p> <p>The MIT License. See <a href="#">Appendix G</a></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| The Apache Software Foundation | Commons Compress 1.26.0 | <p>Apache Version 2.0</p> <p>See <a href="#">Appendix E</a></p> <p>-----</p> <p>-----</p> <p>Notice:</p> <p>Apache Commons Compress</p> <p>Copyright 2002-2023 The Apache Software Foundation</p> <p>This product includes software developed at The Apache Software Foundation (<a href="https://www.apache.org/">https://www.apache.org/</a>).</p> <p>=====</p> <p>=====</p> <p>==</p> <p>4th party dependency license : commons-io</p> <p>-----</p> <p>License: Apache License</p> <p>====</p> <p>Copyright: Apache Commons IO</p> <p>Copyright 2002-2023 The Apache Software Foundation</p> <p>This product includes software developed at The Apache Software Foundation (<a href="https://www.apache.org/">https://www.apache.org/</a>).</p> <p>=====</p> <p>=====</p> <p>4th party dependency license : commons-lang3</p> <p>-----</p> <p>License: Apache License</p> <p>-----</p> <p>Copyright:</p> <p>Apache Commons Lang</p> <p>Copyright 2001-2024 The Apache Software Foundation</p> <p>This product includes software developed at The Apache Software Foundation (<a href="https://www.apache.org/">https://www.apache.org/</a>).</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider                                 | Component (s)        | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|------------------------------------------|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| The Apache Software Foundation           | log4j-core 2.22.1    | <p>Apache License Version 2.0, January 2004<br/>See <a href="#">Appendix E</a></p> <p>-----</p> <p>Notice.txt<br/>Apache Log4j<br/>Copyright 1999-2023 Apache Software Foundation<br/>This product includes software developed at The Apache Software Foundation (<a href="http://www.apache.org/">http://www.apache.org/</a>).<br/>ResolverUtil.java Copyright 2005-2006 Tim Fennell<br/>Dumbster SMTP test server Copyright 2004 Jason Paul Kitchen<br/>TypeUtil.java Copyright 2002-2012 Ramnivas Laddad, Juergen Hoeller, Chris Beams<br/>picocli (<a href="http://picocli.info">http://picocli.info</a>) Copyright 2017 Remko Popma<br/>TimeoutBlockingWaitStrategy.java and parts of Util.java Copyright 2011 LMAX Ltd.</p> <p>-----</p> <p>Fourth Party Dependencies<br/>org.apache.logging.log4j » log4j-api<br/>Apache License, Version 2.0<br/>See <a href="#">Appendix E</a></p> |
| VMware Inc. or its affiliates            | Reactor Kafka 1.3.22 | Automatically populated from the Public License field                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Copyright Jonathan Halterman and friends | Expiring Map 0.5.11  | <p>Apache 2.0<br/>See <a href="#">Appendix E</a></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider     | Component (s)      | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|--------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Simon Nyberg | prom-client 14.1.1 | <p>Apache 2.0<br/>See <a href="#">Appendix E</a></p> <p>-----</p> <p>4th Party Dependencies<br/>tdigest 0.1.2<br/>The MIT License<br/>See <a href="#">Appendix G</a></p> <p>-----</p> <p>bintrees 1.0.2<br/>Copyright (C) 2011 by Vadim Graboyes<br/>Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:<br/>The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.<br/>THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider                            | Component (s)     | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-------------------------------------|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SQLAlchemy authors and contributors | SQLAlchemy 2.0.23 | <p>The MIT License<br/>See <a href="#">Appendix G</a></p> <p>-----</p> <p>Copyright 2005-2023 SQLAlchemy authors and contributors<br/>&lt;see AUTHORS file&gt;.</p> <p>Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:</p> <p>The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.</p> <p>THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.</p> <p>----- Copyright notices</p> <p>-----</p> <p>Copyright 2005-2023 SQLAlchemy authors and contributors<br/>&lt;see AUTHORS file&gt;.</p> <p>----- Fourth-party information</p> <p>-----</p> <p>== NAME OF DEPENDENCY 1</p> <p>greenlet</p> <p>== License</p> <p>The following files are derived from Stackless Python and are subject to the same license as Stackless Python:<br/>src/greenlet/slp_platformselect.h files in src/greenlet/<br/>platform/ directory</p> <p>See LICENSE.PSF and <a href="http://www.stackless.com/">http://www.stackless.com/</a> for details.</p> <p>Unless otherwise noted, the files in greenlet have been released under the following MIT license:</p> <p>Copyright (c) Armin Rigo, Christian Tismer and contributors</p> <p>Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"),</p> <p>to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense,</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:</p> <p>The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.</p> <p>THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.</p> <p>-----</p> <p>license.psf</p> <p>PYTHON SOFTWARE FOUNDATION LICENSE VERSION 2</p> <p>-----</p> <p>1. This LICENSE AGREEMENT is between the Python Software Foundation ("PSF"), and the Individual or Organization ("Licensee") accessing and otherwise using this software ("Python") in source or binary form and its associated documentation.</p> <p>2. Subject to the terms and conditions of this License Agreement, PSF hereby grants Licensee a nonexclusive, royalty-free, world-wide license to reproduce, analyze, test, perform and/or display publicly, prepare derivative works, distribute, and otherwise use Python alone or in any derivative version, provided, however, that PSF's License Agreement and PSF's notice of copyright, i.e., "Copyright (c) 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011 Python Software Foundation; All Rights Reserved" are retained in Python alone or in any derivative version prepared by Licensee.</p> <p>3. In the event Licensee prepares a derivative work that is based on or incorporates Python or any part thereof, and wants to make the derivative work available to others as provided herein, then Licensee hereby agrees to include in any such work a brief summary of the changes made to Python.</p> <p>4. PSF is making Python available to Licensee on an "AS IS" basis. PSF MAKES NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED. BY WAY OF EXAMPLE, BUT NOT LIMITATION, PSF MAKES NO AND DISCLAIMS ANY REPRESENTATION OR WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE OR THAT THE USE OF PYTHON WILL NOT INFRINGE ANY THIRD PARTY RIGHTS.</p> <p>5. PSF SHALL NOT BE LIABLE TO LICENSEE OR ANY OTHER USERS OF PYTHON FOR ANY INCIDENTAL,</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>SPECIAL, OR CONSEQUENTIAL DAMAGES OR LOSS AS A RESULT OF MODIFYING, DISTRIBUTING, OR OTHERWISE USING PYTHON, OR ANY DERIVATIVE THEREOF, EVEN IF ADVISED OF THE POSSIBILITY THEREOF.</p> <p>6. This License Agreement will automatically terminate upon a material breach of its terms and conditions.</p> <p>7. Nothing in this License Agreement shall be deemed to create any relationship of agency, partnership, or joint venture between PSF and Licensee. This License Agreement does not grant permission to use PSF trademarks or trade name in a trademark sense to endorse or promote products or services of Licensee, or any third party.</p> <p>8. By copying, installing or otherwise using Python, Licensee agrees to be bound by the terms and conditions of this License Agreement.</p> <p>== Copyright Notices</p> <p>Copyright (c) Armin Rigo, Christian Tismer and contributors</p> <p>-----</p> <p>== NAME OF DEPENDENCY 2</p> <p>typing-extensions</p> <p>== License</p> <p>A. HISTORY OF THE SOFTWARE</p> <p>=====</p> <p>=====</p> <p>Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <a href="https://www.cwi.nl">https://www.cwi.nl</a>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.</p> <p>In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <a href="https://www.cnri.reston.va.us">https://www.cnri.reston.va.us</a>) in Reston, Virginia where he released several versions of the software.</p> <p>In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations, which became Zope Corporation. In 2001, the Python Software Foundation (PSF, see <a href="https://www.python.org/psf/">https://www.python.org/psf/</a>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation was a sponsoring member of the PSF.</p> <p>All Python releases are Open Source (see <a href="https://opensource.org">https://opensource.org</a> for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.</p> <p>Release Derived Year Owner GPL-compatible? (1)</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>0.9.0 thru 1.2 1991-1995 CWI yes<br/> 1.3 thru 1.5.2 1.2 1995-1999 CNRI yes<br/> 1.6 1.5.2 2000 CNRI no<br/> 2.0 1.6 2000 BeOpen.com no<br/> 1.6.1 1.6 2001 CNRI yes (2)<br/> 2.1 2.0+1.6.1 2001 PSF no<br/> 2.0.1 2.0+1.6.1 2001 PSF yes<br/> 2.1.1 2.1+2.0.1 2001 PSF yes<br/> 2.1.2 2.1.1 2002 PSF yes<br/> 2.1.3 2.1.2 2002 PSF yes<br/> 2.2 and above 2.1.1 2001-now PSF yes</p> <p>Footnotes:</p> <p>(1) GPL-compatible doesn't mean that we're distributing Python under the GPL. All Python licenses, unlike the GPL, let you distribute a modified version without making your changes open source. The GPL-compatible licenses make it possible to combine Python with other software that is released under the GPL; the others don't.</p> <p>(2) According to Richard Stallman, 1.6.1 is not GPL-compatible, because its license has a choice of law clause. According to CNRI, however, Stallman's lawyer has told CNRI's lawyer that 1.6.1 is "not incompatible" with the GPL.</p> <p>Thanks to the many outside volunteers who have worked under Guido's direction to make these releases possible.</p> <p><b>B. TERMS AND CONDITIONS FOR ACCESSING OR OTHERWISE USING PYTHON</b></p> <p>=====</p> <p>Python software and documentation are licensed under the Python Software Foundation License Version 2.</p> <p>Starting with Python 3.8.6, examples, recipes, and other code in the documentation are dual licensed under the PSF License Version 2 and the Zero-Clause BSD license.</p> <p>Some software incorporated into Python is under different licenses. The licenses are listed with code falling under that license.</p> <p>PYTHON SOFTWARE FOUNDATION LICENSE VERSION 2<br/> PYTHON SOFTWARE FOUNDATION LICENSE VERSION 2<br/> -----</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>1. This LICENSE AGREEMENT is between the Python Software Foundation ("PSF"), and the Individual or Organization ("Licensee") accessing and otherwise using this software ("Python") in source or binary form and its associated documentation.</p> <p>2. Subject to the terms and conditions of this License Agreement, PSF hereby grants Licensee a nonexclusive, royalty-free, world-wide license to reproduce, analyze, test, perform and/or display publicly, prepare derivative works, distribute, and otherwise use Python alone or in any derivative version, provided, however, that PSF's License Agreement and PSF's notice of copyright, i.e., "Copyright (c) 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014 Python Software Foundation; All Rights Reserved" are retained in Python alone or in any derivative version prepared by Licensee.</p> <p>3. In the event Licensee prepares a derivative work that is based on or incorporates Python or any part thereof, and wants to make the derivative work available to others as provided herein, then Licensee hereby agrees to include in any such work a brief summary of the changes made to Python.</p> <p>4. PSF is making Python available to Licensee on an "AS IS" basis. PSF MAKES NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED. BY WAY OF EXAMPLE, BUT NOT LIMITATION, PSF MAKES NO AND DISCLAIMS ANY REPRESENTATION OR WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE OR THAT THE USE OF PYTHON WILL NOT INFRINGE ANY THIRD PARTY RIGHTS.</p> <p>5. PSF SHALL NOT BE LIABLE TO LICENSEE OR ANY OTHER USERS OF PYTHON FOR ANY INCIDENTAL, SPECIAL, OR CONSEQUENTIAL DAMAGES OR LOSS AS A RESULT OF MODIFYING, DISTRIBUTING, OR OTHERWISE USING PYTHON,</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>OR ANY DERIVATIVE THEREOF, EVEN IF ADVISED OF THE POSSIBILITY THEREOF.</p> <p>6. This License Agreement will automatically terminate upon a material breach of its terms and conditions.</p> <p>7. Nothing in this License Agreement shall be deemed to create any relationship of agency, partnership, or joint venture between PSF and Licensee. This License Agreement does not grant permission to use PSF trademarks or trade name in a trademark sense to endorse or promote products or services of Licensee, or any third party.</p> <p>8. By copying, installing or otherwise using Python, Licensee agrees to be bound by the terms and conditions of this License Agreement.</p> <p>BEOPEN.COM LICENSE AGREEMENT FOR PYTHON 2.0</p> <p>-----</p> <p>BEOPEN PYTHON OPEN SOURCE LICENSE AGREEMENT VERSION 1</p> <p>1. This LICENSE AGREEMENT is between BeOpen.com ("BeOpen"), having an office at 160 Saratoga Avenue, Santa Clara, CA 95051, and the Individual or Organization ("Licensee") accessing and otherwise using this software in source or binary form and its associated documentation ("the Software").</p> <p>2. Subject to the terms and conditions of this BeOpen Python License Agreement, BeOpen hereby grants Licensee a non-exclusive, royalty-free, world-wide license to reproduce, analyze, test, perform and/or display publicly, prepare derivative works, distribute, and otherwise use the Software alone or in any derivative version, provided, however, that the BeOpen Python License is retained in the Software, alone or in any derivative version prepared by Licensee.</p> <p>3. BeOpen is making the Software available to Licensee on an "AS IS"</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>basis. BEOPEN MAKES NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED. BY WAY OF EXAMPLE, BUT NOT LIMITATION, BEOPEN MAKES NO AND DISCLAIMS ANY REPRESENTATION OR WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE OR THAT THE USE OF THE SOFTWARE WILL NOT INFRINGE ANY THIRD PARTY RIGHTS.</p> <p>4. BEOPEN SHALL NOT BE LIABLE TO LICENSEE OR ANY OTHER USERS OF THE SOFTWARE FOR ANY INCIDENTAL, SPECIAL, OR CONSEQUENTIAL DAMAGES OR LOSS AS A RESULT OF USING, MODIFYING OR DISTRIBUTING THE SOFTWARE, OR ANY DERIVATIVE THEREOF, EVEN IF ADVISED OF THE POSSIBILITY THEREOF.</p> <p>5. This License Agreement will automatically terminate upon a material breach of its terms and conditions.</p> <p>6. This License Agreement shall be governed by and interpreted in all respects by the law of the State of California, excluding conflict of law provisions. Nothing in this License Agreement shall be deemed to create any relationship of agency, partnership, or joint venture between BeOpen and Licensee. This License Agreement does not grant permission to use BeOpen trademarks or trade names in a sense to endorse or promote products or services of Licensee, or any third party. As an exception, the "BeOpen Python" logos available at <a href="http://www.pythonlabs.com/logos.html">http://www.pythonlabs.com/logos.html</a> may be used according to the permissions granted on that web page.</p> <p>7. By copying, installing or otherwise using the software, Licensee agrees to be bound by the terms and conditions of this License Agreement.</p> <p>CNRI LICENSE AGREEMENT FOR PYTHON 1.6.1</p> <p>-----</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>1. This LICENSE AGREEMENT is between the Corporation for National Research Initiatives, having an office at 1895 Preston White Drive, Reston, VA 20191 ("CNRI"), and the Individual or Organization ("Licensee") accessing and otherwise using Python 1.6.1 software in source or binary form and its associated documentation.</p> <p>2. Subject to the terms and conditions of this License Agreement, CNRI hereby grants Licensee a nonexclusive, royalty-free, world-wide license to reproduce, analyze, test, perform and/or display publicly, prepare derivative works, distribute, and otherwise use Python 1.6.1 alone or in any derivative version, provided, however, that CNRI's License Agreement and CNRI's notice of copyright, i.e., "Copyright (c) 1995-2001 Corporation for National Research Initiatives; All Rights Reserved" are retained in Python 1.6.1 alone or in any derivative version prepared by Licensee. Alternately, in lieu of CNRI's License Agreement, Licensee may substitute the following text (omitting the quotes): "Python 1.6.1 is made available subject to the terms and conditions in CNRI's License Agreement. This Agreement together with Python 1.6.1 may be located on the Internet using the following unique, persistent identifier (known as a handle): 1895.22/1013. This Agreement may also be obtained from a proxy server on the Internet using the following URL: <a href="http://hdl.handle.net/1895.22/1013">http://hdl.handle.net/1895.22/1013</a>".</p> <p>3. In the event Licensee prepares a derivative work that is based on or incorporates Python 1.6.1 or any part thereof, and wants to make the derivative work available to others as provided herein, then Licensee hereby agrees to include in any such work a brief summary of the changes made to Python 1.6.1.</p> |

**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|----------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>4. CNRI is making Python 1.6.1 available to Licensee on an "AS IS" basis. CNRI MAKES NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED. BY WAY OF EXAMPLE, BUT NOT LIMITATION, CNRI MAKES NO AND DISCLAIMS ANY REPRESENTATION OR WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE OR THAT THE USE OF PYTHON 1.6.1 WILL NOT INFRINGE ANY THIRD PARTY RIGHTS.</p> <p>5. CNRI SHALL NOT BE LIABLE TO LICENSEE OR ANY OTHER USERS OF PYTHON 1.6.1 FOR ANY INCIDENTAL, SPECIAL, OR CONSEQUENTIAL DAMAGES OR LOSS AS A RESULT OF MODIFYING, DISTRIBUTING, OR OTHERWISE USING PYTHON 1.6.1, OR ANY DERIVATIVE THEREOF, EVEN IF ADVISED OF THE POSSIBILITY THEREOF.</p> <p>6. This License Agreement will automatically terminate upon a material breach of its terms and conditions.</p> <p>7. This License Agreement shall be governed by the federal intellectual property law of the United States, including without limitation the federal copyright law, and, to the extent such U.S. federal law does not apply, by the law of the Commonwealth of Virginia, excluding Virginia's conflict of law provisions. Notwithstanding the foregoing, with regard to derivative works based on Python 1.6.1 that incorporate non-separable material that was previously distributed under the GNU General Public License (GPL), the law of the Commonwealth of Virginia shall govern this License Agreement only as to issues arising under or with respect to Paragraphs 4, 5, and 7 of this License Agreement. Nothing in this License Agreement shall be deemed to create any relationship of agency, partnership, or joint venture between CNRI and Licensee. This License Agreement does not grant permission to use CNRI trademarks or trade name in a trademark sense to endorse or promote products or</p> |



**Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information**

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>services of Licensee, or any third party.</p> <p>8. By clicking on the "ACCEPT" button where indicated, or by copying,</p> <p>installing or otherwise using Python 1.6.1, Licensee agrees to be</p> <p>bound by the terms and conditions of this License Agreement.</p> <p>ACCEPT</p> <p>CWI LICENSE AGREEMENT FOR PYTHON 0.9.0 THROUGH 1.2</p> <p>-----</p> <p>Copyright (c) 1991 - 1995, Stichting Mathematisch Centrum Amsterdam,</p> <p>The Netherlands. All rights reserved.</p> <p>Permission to use, copy, modify, and distribute this software and its</p> <p>documentation for any purpose and without fee is hereby granted,</p> <p>provided that the above copyright notice appear in all copies and that</p> <p>both that copyright notice and this permission notice appear in</p> <p>supporting documentation, and that the name of Stichting Mathematisch</p> <p>Centrum or CWI not be used in advertising or publicity pertaining to</p> <p>distribution of the software without specific, written prior permission.</p> <p>STICHTING MATHEMATISCH CENTRUM DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE, INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS, IN NO EVENT SHALL STICHTING MATHEMATISCH CENTRUM BE LIABLE FOR ANY SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.</p> <p>ZERO-CLAUSE BSD LICENSE FOR CODE IN THE PYTHON DOCUMENTATION</p> <p>-----</p> <p>-----</p> <p>Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted.</p> <p>THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD</p> |

Table 3-1 (Cont.) Oracle Communications Cloud Native Core, Licensing Information

| Provider | Component (s) | Licensing Information                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |               | <p>TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.</p> <p>== Copyright Notices</p> <p>-----</p> <p>-----</p> |

# A

## GNU General Public License, Version 2 (GPL-2.0)

### **Preamble**

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Lesser General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure you have the freedom to distribute copies of free software (and charge for this service if you wish); that you receive source code or can get it if you want it; that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. In addition, you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license, which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution, and modification follow.

### **Terms and Conditions for Copying, Distribution, And Modification**

1. This License applies to any program or other work, which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated

into another language. (Hereinafter, translation is included without limitation in the term "modification.") Each licensee is addressed as "you."

Activities other than copying, distribution, and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

2. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

3. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a. You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.
- b. You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.
- c. If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, does not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

4. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

- a. Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

b. Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

c. Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

5. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

6. You are not required to accept this License, since you have not signed it. However, nothing else grants your permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

7. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute, or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

8. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license

practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

9. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

10. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions are similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License, which applies to it and "any later version," you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

11. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision is guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

### **No Warranty**

1. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR, OR CORRECTION.

2. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

# B

## GNU General Public License, Version 2 (GPL-2.1)

### Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public Licenses are intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users.

This license, the Lesser General Public License, applies to some specially designated software packages--typically libraries--of the Free Software Foundation and other authors who decide to use it. You can use it too, but we suggest you first think carefully about whether this license or the ordinary General Public License is the better strategy to use in any particular case, based on the explanations below.

When we speak of free software, we are referring to freedom of use, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish); that you receive source code or can get it if you want it; that you can change the software and use pieces of it in new free programs; and that you are informed that you can do these things.

To protect your rights, we need to make restrictions that forbid distributors to deny you these rights or to ask you to surrender these rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library or if you modify it.

For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link other code with the library, you must provide complete object files to the recipients, so that they can relink them with the library after making changes to the library and recompiling it. In addition, you must show them these terms so they know their rights.

We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives you legal permission to copy, distribute, and/or modify the library.

To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others.

Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library.



The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License does. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution, and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library." The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

## **Terms and Conditions for Copying, Distribution, And Modification**

### **Terms and Conditions for Copying, Distribution, And Modification**

1. This License Agreement applies to any software library or other program, which contains a notice placed by the copyright holder, or other authorized party saying it may be distributed under the terms of this Lesser General Public License (also called "this License"). Each licensee is addressed as "you."

A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library," below, refers to any such software library or work, which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification.")

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution, and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.



2. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

3. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a. The modified work must itself be a software library.
- b. You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.
- c. You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.
- d. If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, does not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

4. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

5. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

6. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library." Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library." The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

7. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

a. Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b. Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) operates properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

c. Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

d. If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

e. Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

8. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

a. Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.

b. Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

9. You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense, link with, or distribute the Library is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

10. You are not required to accept this License, since you have not signed it. However, nothing else grants your permission to modify or distribute the Library or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Library (or any work based on the Library), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Library or works based on it.

11. Each time you redistribute the Library (or any work based on the Library), the recipient automatically receives a license from the original licensor to copy, distribute, link with, or modify the Library subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties with this License.

12. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Library at all. For example, if a patent license would not permit royalty-free redistribution of the Library by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Library.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

13. If the distribution and/or use of the Library is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Library under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

14. The Free Software Foundation may publish revised and/or new versions of the Lesser General Public License from time to time. Such new versions are similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Library specifies a version number of this License which applies to it and "any later version," you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Library does not specify a license version number, you may choose any version ever published by the Free Software Foundation.

15. If you wish to incorporate parts of the Library into other free programs whose distribution conditions are incompatible with these, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision is guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

### **No Warranty**

16. BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE LIBRARY "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE LIBRARY IS WITH YOU. SHOULD THE LIBRARY PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR, OR CORRECTION.

17. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE LIBRARY AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

# C

## GNU Lesser General Public License, version 3 (LGPL-3)

This version of the GNU Lesser General Public License incorporates the terms and conditions of version 3 of the GNU General Public License, supplemented by the additional permissions listed below.

### 1. Additional Definitions.

As used herein, "this License" refers to version 3 of the GNU Lesser General Public License, and the "GNU GPL" refers to version 3 of the GNU General Public License.

"The Library" refers to a covered work governed by this License, other than an Application or a Combined Work as defined below.

An "Application" is any work that makes use of an interface provided by the Library, but which is not otherwise based on the Library. Defining a subclass of a class defined by the Library is deemed a mode of using an interface provided by the Library.

A "Combined Work" is a work produced by combining or linking an Application with the Library. The particular version of the Library with which the Combined Work was made is also called the "Linked Version."

The "Minimal Corresponding Source" for a Combined Work means the Corresponding Source for the Combined Work, excluding any source code for portions of the Combined Work that, considered in isolation, are based on the Application, and not on the Linked Version.

The "Corresponding Application Code" for a Combined Work means the object code and/or source code for the Application, including any data and utility programs needed for reproducing the Combined Work from the Application, but excluding the System Libraries of the Combined Work.

### 2. Exception to Section 3 of the GNU GPL.

You may convey a covered work under sections 3 and 4 of this License without being bound by section 3 of the GNU GPL.

### 3. Conveying Modified Versions.

If you modify a copy of the Library, and, in your modifications, a facility refers to a function or data to be supplied by an Application that uses the facility (other than as an argument passed when the facility is invoked), then you may convey a copy of the modified version:

- a. under this License, provided that you make a good faith effort to ensure that, in the event an Application does not supply the function or data, the facility still operates, and performs whatever part of its purpose remains meaningful, or
- b. under the GNU GPL, with none of the additional permissions of this License applicable to that copy.

### 4. Object Code Incorporating Material from Library Header Files.

The object code form of an Application may incorporate material from a header file that is part of the Library. You may convey such object code under terms of your choice, provided that, if

the incorporated material is not limited to numerical parameters, data structure layouts and accessors, or small macros, inline functions and templates (ten or fewer lines in length), you do both of the following:

- a. Give prominent notice with each copy of the object code that the Library is used in it and that the Library and its use are covered by this License.

- b. Accompany the object code with a copy of the GNU GPL and this license document.

#### 5. Combined Works.

You may convey a Combined Work under terms of your choice that, taken together, effectively do not restrict modification of the portions of the Library contained in the Combined Work and reverse engineering for debugging such modifications, if you also do each of the following:

- a. Give prominent notice with each copy of the Combined Work that the Library is used in it and that the Library and its use are covered by this License.

- b. Accompany the Combined Work with a copy of the GNU GPL and this license document.

- c. For a Combined Work that displays copyright notices during execution, include the copyright notice for the Library among these notices, as well as a reference directing the user to the copies of the GNU GPL and this license document.

- d. Do one of the following:

1. Convey the Minimal Corresponding Source under the terms of this License, and the Corresponding Application Code in a form suitable for, and under terms that permit, the user to recombine or relink the Application with a modified version of the Linked Version to produce a modified Combined Work, in the manner specified by section 6 of the GNU GPL for conveying Corresponding Source.

2. Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (a) uses at run time a copy of the Library already present on the user's computer system, and (b) will operate properly with a modified version of the Library that is interface-compatible with the Linked Version.

- e. Provide Installation Information, but only if you would otherwise be required to provide such information under section 6 of the GNU GPL, and only to the extent that such information is necessary to install and execute a modified version of the Combined Work produced by recombining or relinking the Application with a modified version of the Linked Version. (If you use option 4d0, the Installation Information must accompany the Minimal Corresponding Source and Corresponding Application Code. If you use option 4d1, you must provide the Installation Information in the manner specified by section 6 of the GNU GPL for conveying Corresponding Source.)

#### 6. Combined Libraries.

You may place library facilities that are a work based on the Library side by side in a single library together with other library facilities that are not Applications and are not covered by this License, and convey such a combined library under terms of your choice, if you do both of the following:

- a. Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities, conveyed under the terms of this License.

1.
  - b. Give prominent notice with the combined library that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

#### 7. Revised Versions of the GNU Lesser General Public License.

The Free Software Foundation may publish revised and/or new versions of the GNU Lesser General Public License from time to time. Such new versions are similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Library as you received it specifies that a certain numbered version of the GNU Lesser General Public License "or any later version" applies to it, you have the option of following the terms and conditions either of that published version or of any later version published by the Free Software Foundation. If the Library as you received it does not specify a version number of the GNU Lesser General Public License, you may choose any version of the GNU Lesser General Public License ever published by the Free Software Foundation.

If the Library as you received, it specifies a proxy can decide whether future versions of the GNU Lesser General Public License shall apply, that proxy's public statement of acceptance of any version is permanent authorization for you to choose that version for the Library.



# Apache License, Version 1.1 (Apache 1.1)

The Apache Software License, Version 1.1

Copyright (c) 2000 The Apache Software Foundation. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. The end-user documentation included with the redistribution, if any, must include the following acknowledgment:  
  
 "This product includes software developed by the Apache Software Foundation (<http://www.apache.org/>)."  
 Alternately, this acknowledgment may appear in the software itself, if and wherever such third-party acknowledgments normally appear.
4. The names "Apache" and "Apache Software Foundation" must not be used to endorse or promote products derived from this software without prior written permission. For written permission, please contact [apache@apache.org](mailto:apache@apache.org).
5. Products derived from this software may not be called "Apache," nor may "Apache" appear in their name, without prior written permission of the Apache Software Foundation.

THIS SOFTWARE IS PROVIDED ``AS IS'' AND ANY EXPRESSED OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE APACHE SOFTWARE FOUNDATION OR ITS CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

=====

This software consists of voluntary contributions made by many individuals on behalf of the Apache Software Foundation. For more information on the Apache Software Foundation, please see <http://www.apache.org/>.

Portions of this software are based upon public domain software originally written at the National Center for Supercomputing Applications, University of Illinois, Urbana-Champaign

# E

## Apache License, version 2.0 (Apache 2.0)

### 1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display,

publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided You meet the following conditions:

- a. You must give any other recipients of the Work or Derivative Works a copy of this License; and
- b. You must cause any modified files to carry prominent notices stating that You changed the files; and
- c. You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
- d. If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided such additional attribution notices cannot be construed as modifying the License. You may add your own copyright statement to your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of your modifications, or for any such Derivative Works as a whole, provided your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless you explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT,

MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, you may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, you may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

# F

## The FreeBSD Project

(Required) Enter introductory text here, including the definition and purpose of the concept.

Copyright 1992-2017 The FreeBSD Project. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE AUTHOR AND CONTRIBUTORS ``AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

The views and conclusions contained in the software and documentation are those of the authors and should not be interpreted as representing official policies, either expressed or implied, of the FreeBSD Project.

# G

## The MIT License (MIT)

Copyright (c) <year> <copyright holders>

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice are included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS," WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

# Zlib License

This software is provided 'as-is', without any express or implied warranty. In no event will the authors be held liable for any damages arising from the use of this software.

Permission is granted to anyone to use this software for any purpose, including commercial applications, and to alter it and redistribute it freely, subject to the following restrictions:

1. The origin of this software must not be misrepresented; you must not claim that you wrote the original software. If you use this software in a product, an acknowledgment in the product documentation would be appreciated but is not required.
2. Altered source versions must be plainly marked as such, and must not be misrepresented as being the original software.
3. This notice may not be removed or altered from any source distribution.

## ACE- 6.4.7 License

Copyright and Licensing Information for ACE(TM), TAO(TM), CIAO(TM), DAnCE(TM), and CoSMIC(TM)

ACE(TM), TAO(TM), CIAO(TM), DAnCE(TM), and CoSMIC(TM) (henceforth referred to as "DOC software") are copyrighted by Douglas C. Schmidt and his research group at Washington University, University of California, Irvine, and Vanderbilt University, Copyright (c) 1993-2018, all rights reserved.

Since DOC software is open-source, freely available software, you are free to use, modify, copy, and distribute--perpetually and irrevocably--the DOC software source code and object code produced from the source, as well as copy and distribute modified versions of this software. You must, however, include this copyright statement along with any code built using DOC software that you release. No copyright statement needs to be provided if you just ship binary executables of your software products.

You can use DOC software in commercial and/or binary software releases and are under no obligation to redistribute any of your source code that is built using DOC software. Note, however, that you may not misappropriate the DOC software code, such as copyrighting it yourself or claiming authorship of the DOC software code, in a way that will prevent DOC software from being distributed freely using an open-source development model. You needn't inform anyone that you're using DOC software in your software, though we encourage you to let us know so we can promote your project in the DOC software success stories.

The ACE, TAO, CIAO, DAnCE, and CoSMIC web sites are maintained by the DOC Group at the Institute for Software Integrated Systems (ISIS) and the Center for Distributed Object Computing of Washington University, St. Louis for the development of open-source software as part of the open-source software community. Submissions are provided by the submitter ``as is" with no warranties whatsoever, including any warranty of merchantability, noninfringement of third party intellectual property, or fitness for any particular purpose. In no event shall the submitter be liable for any direct, indirect, special, exemplary, punitive, or consequential damages, including without limitation, lost profits, even if advised of the possibility of such damages. Likewise, DOC software is provided as is with no warranties of any kind, including the warranties of design, merchantability, and fitness for a particular purpose, noninfringement, or arising from a course of dealing, usage or trade practice. Washington University, UC Irvine, Vanderbilt University, their employees, and students shall have no liability with respect to the infringement of copyrights, trade secrets or any patents by DOC software or any part thereof. Moreover, in no event will Washington University, UC Irvine, or Vanderbilt University, their employees, or students be liable for any lost revenue or profits or other special, indirect and consequential damages.

DOC software is provided with no support and without any obligation on the part of Washington University, UC Irvine, Vanderbilt University, their employees, or students to assist in its use, correction, modification, or enhancement. A number of companies around the world provide commercial support for DOC software, however. DOC software is Y2K-compliant, as long as the underlying OS platform is Y2K-compliant. Likewise, DOC software is compliant with the new US daylight savings rule passed by Congress as "The Energy Policy Act of 2005," which established new daylight savings times (DST) rules for the United States that expand DST as of March 2007. Since DOC software obtains time/date and calendaring information from operating systems users will not be affected by the new DST rules as long as they upgrade their operating systems accordingly.



The names ACE(TM), TAO(TM), CIAO(TM), DAnCE(TM), CoSMIC(TM), Washington University, UC Irvine, and Vanderbilt University, may not be used to endorse or promote products or services derived from this source without express written permission from Washington University, UC Irvine, or Vanderbilt University. This license grants no permission to call products or services derived from this source ACE(TM), TAO(TM), CIAO(TM), DAnCE(TM), or CoSMIC(TM), nor does it grant permission for the name Washington University, UC Irvine, or Vanderbilt University to appear in their names.

# J

## ECLIPSE 1.0 License

Eclipse Public License - v 1.0

THE ACCOMPANYING PROGRAM IS PROVIDED UNDER THE TERMS OF THIS ECLIPSE PUBLIC LICENSE ("AGREEMENT"). ANY USE, REPRODUCTION OR DISTRIBUTION OF THE PROGRAM CONSTITUTES RECIPIENT'S ACCEPTANCE OF THIS AGREEMENT.

### 1. DEFINITIONS

"Contribution" means:

a) in the case of the initial Contributor, the initial code and documentation distributed under this Agreement, and

b) in the case of each subsequent Contributor:

i) changes to the Program, and

ii) additions to the Program;

where such changes and/or additions to the Program originate from and are distributed by that particular Contributor. A Contribution 'originates' from a Contributor if it was added to the Program by such Contributor itself or anyone acting on such Contributor's behalf. Contributions do not include additions to the Program which: (i) are separate modules of software distributed in conjunction with the Program under their own license agreement, and (ii) are not derivative works of the Program.

"Contributor" means any person or entity that distributes the Program.

"Licensed Patents " mean patent claims licensable by a Contributor which are necessarily infringed by the use or sale of its Contribution alone or when combined with the Program.

"Program" means the Contributions distributed in accordance with this Agreement.

"Recipient" means anyone who receives the Program under this Agreement, including all Contributors.

### 2. GRANT OF RIGHTS

a) Subject to the terms of this Agreement, each Contributor hereby grants Recipient a non-exclusive, worldwide, royalty-free copyright license to reproduce, prepare derivative works of, publicly display, publicly perform, distribute and sublicense the Contribution of such Contributor, if any, and such derivative works, in source code and object code form. b) Subject to the terms of this Agreement, each Contributor hereby grants Recipient a non-exclusive, worldwide, royalty-free patent license under Licensed Patents to make, use, sell, offer to sell, import and otherwise transfer the Contribution of such Contributor, if any, in source code and object code form. This patent license shall apply to the combination of the Contribution and the Program if, at the time the Contribution is added by the Contributor, such addition of the Contribution causes such combination to be covered by the Licensed Patents. The patent license shall not apply to any other combinations which include the Contribution. No hardware per se is licensed hereunder. c) Recipient understands that although each Contributor grants the licenses to its Contributions set forth herein, no assurances are provided by any Contributor that the Program does not infringe the patent or other intellectual property rights of any other entity. Each Contributor disclaims any liability to Recipient for claims brought by any

other entity based on infringement of intellectual property rights or otherwise. As a condition to exercising the rights and licenses granted hereunder, each Recipient hereby assumes sole responsibility to secure any other intellectual property rights needed, if any. For example, if a third party patent license is required to allow Recipient to distribute the Program, it is Recipient's responsibility to acquire that license before distributing the Program.

d) Each Contributor represents that to its knowledge it has sufficient copyright rights in its Contribution, if any, to grant the copyright license set forth in this Agreement.

### 3.REQUIREMENTS

A Contributor may choose to distribute the Program in object code form under its own license agreement, provided that:

- a) it complies with the terms and conditions of this Agreement; and
- b) its license agreement:
  - i) effectively disclaims on behalf of all Contributors all warranties and conditions, express and implied, including warranties or conditions of title and non-infringement, and implied warranties or conditions of merchantability and fitness for a particular purpose;
  - ii) effectively excludes on behalf of all Contributors all liability for damages, including direct, indirect, special, incidental and consequential damages, such as lost profits;
  - iii) states that any provisions which differ from this Agreement are offered by that Contributor alone and not by any other party; and
  - iv) states that source code for the Program is available from such Contributor, and informs licensees how to obtain it in a reasonable manner on or through a medium customarily used for software exchange.

When the Program is made available in source code form:

- a) it must be made available under this Agreement; and
- b) a copy of this Agreement must be included with each copy of the Program. Contributors may not remove or alter any copyright notices contained within the Program.

Each Contributor must identify itself as the originator of its Contribution, if any, in a manner that reasonably allows subsequent Recipients to identify the originator of the Contribution.

### 4.COMMERCIAL DISTRIBUTION

Commercial distributors of software may accept certain responsibilities with respect to end users, business partners and the like. While this license is intended to facilitate the commercial use of the Program, the Contributor who includes the Program in a commercial product offering should do so in a manner which does not create potential liability for other Contributors. Therefore, if a Contributor includes the Program in a commercial product offering, such Contributor ("Commercial Contributor") hereby agrees to defend and indemnify every other Contributor ("Indemnified Contributor") against any losses, damages and costs (collectively "Losses") arising from claims, lawsuits and other legal actions brought by a third party against the Indemnified Contributor to the extent caused by the acts or omissions of such Commercial Contributor in connection with its distribution of the Program in a commercial product offering. The obligations in this section do not apply to any claims or Losses relating to any actual or alleged intellectual property infringement. In order to qualify, an Indemnified Contributor must:

- a) promptly notify the Commercial Contributor in writing of such claim, and
- b) allow the Commercial Contributor to control, and cooperate with the Commercial Contributor in, the defense and any related settlement negotiations. The Indemnified Contributor may participate in any such claim at its own expense.

For example, a Contributor might include the Program in a commercial product offering, Product X. That Contributor is then a Commercial Contributor. If that Commercial Contributor then makes performance claims, or offers warranties related to Product X, those performance claims and warranties are such Commercial Contributor's responsibility alone. Under this section, the Commercial Contributor would have to defend claims against the other Contributors related to those performance claims and warranties, and if a court requires any other Contributor to pay any damages as a result, the Commercial Contributor must pay those damages.

## 5. NO WARRANTY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, THE PROGRAM IS PROVIDED ON AN "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, EITHER EXPRESS OR IMPLIED INCLUDING, WITHOUT LIMITATION, ANY WARRANTIES OR CONDITIONS OF TITLE, NON-INFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Each Recipient is solely responsible for determining the appropriateness of using and distributing the Program and assumes all risks associated with its exercise of rights under this Agreement, including but not limited to the risks and costs of program errors, compliance with applicable laws, damage to or loss of data, programs or equipment, and unavailability or interruption of operations.

## 6. DISCLAIMER OF LIABILITY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, NEITHER RECIPIENT NOR ANY CONTRIBUTORS SHALL HAVE ANY LIABILITY FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING WITHOUT LIMITATION LOST PROFITS), HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OR DISTRIBUTION OF THE PROGRAM OR THE EXERCISE OF ANY RIGHTS GRANTED HEREUNDER, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

## 7. GENERAL

If any provision of this Agreement is invalid or unenforceable under applicable law, it shall not affect the validity or enforceability of the remainder of the terms of this Agreement, and without further action by the parties hereto, such provision shall be reformed to the minimum extent necessary to make such provision valid and enforceable.

If Recipient institutes patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Program itself (excluding combinations of the Program with other software or hardware) infringes such Recipient's patent(s), then such Recipient's rights granted under Section 2(b) shall terminate as of the date such litigation is filed.

All Recipient's rights under this Agreement shall terminate if it fails to comply with any of the material terms or conditions of this Agreement and does not cure such failure in a reasonable period of time after becoming aware of such noncompliance. If all Recipient's rights under this Agreement terminate, Recipient agrees to cease use and distribution of the Program as soon as reasonably practicable. However, Recipient's obligations under this Agreement and any licenses granted by Recipient relating to the Program shall continue and survive.

Everyone is permitted to copy and distribute copies of this Agreement, but in order to avoid inconsistency the Agreement is copyrighted and may only be modified in the following manner. The Agreement Steward reserves the right to publish new versions (including revisions) of this Agreement from time to time. No one other than the Agreement Steward has the right to modify this Agreement.

The Eclipse Foundation is the initial Agreement Steward. The Eclipse Foundation may assign the responsibility to serve as the Agreement Steward to a suitable separate entity. Each new version of the Agreement will be given a distinguishing version number. The Program (including Contributions) may always be distributed subject to the version of the Agreement under which it was received. In addition, after a new version of the Agreement is published, Contributor may elect to distribute the Program (including its Contributions) under the new version. Except as expressly stated in Sections 2(a) and 2(b) above, Recipient receives no rights or licenses to the intellectual property of any Contributor under this Agreement, whether expressly, by implication, estoppel or otherwise. All rights in the Program not expressly granted under this Agreement are reserved.

This Agreement is governed by the laws of the State of New York and the intellectual property laws of the United States of America. No party to this Agreement will bring a legal action under this Agreement more than one year after the cause of action arose. Each party waives its rights to a jury trial in any resulting litigation.

# PHP License

```
=====
=====
```

File 1 of 38: LICENSE

```
=====
===== ----- The PHP License, version 3.01 Copyright (c) 1999 - 2010
```

The PHP Group. All rights reserved. -----

Redistribution and use in source and binary forms, with or without modification, is permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. The name "PHP" must not be used to endorse or promote products derived from this software without prior written permission. For written permission, please contact group@php.net.
4. Products derived from this software may not be called "PHP", nor may "PHP" appear in their name, without prior written permission from group@php.net. You may indicate that your software works in conjunction with PHP by saying "Foo for PHP" instead of calling it "PHP Foo" or "phpfoo" 5. The PHP Group may publish revised and/or new versions of the license from time to time. Each version will be given a distinguishing version number. Once covered code has been published under a particular version of the license, you may always continue to use it under the terms of that version. You may also choose to use such covered code under the terms of any subsequent version of the license published by the PHP Group. No one other than the PHP Group has the right to modify the terms applicable to covered code created under this License. 6. Redistributions of any form whatsoever must retain the following acknowledgment: "This product includes PHP software, freely available from <<http://www.php.net/software/>>".

THIS SOFTWARE IS PROVIDED BY THE PHP DEVELOPMENT TEAM ``AS IS" AND ANY EXPRESSED OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE PHP DEVELOPMENT TEAM OR ITS CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION). HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE

. -----

This software consists of voluntary contributions made by many individuals on behalf of the PHP Group. The PHP Group can be contacted via Email at group@php.net. For more

information on the PHP Group and the PHP project, please see <<http://www.php.net>>. PHP includes the Zend Engine, freely available at <<http://www.zend.com>>.

===== File 2 of 38: config.GUESS

===== Copyright (C) 1984, 1989, 1990, 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008 Free Software Foundation, Inc. timestamp='2008-01-23' This file is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version. This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details. You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street - Fifth Floor, Boston, MA 02110-1301, USA. As a special exception to the GNU General Public License, if you distribute this file as part of a program that contains a configuration script generated by Autoconf, you may include it under the same distribution terms that you use for the rest of that program.

===== File 3 of 38: configure

===== Copyright (C) 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008 Free Software Foundation, Inc. This configure script is free software; the Free Software Foundation gives unlimited permission to copy, distribute and modify it.

===== File 4 of 38: header

===== +-----+ | Copyright (c)  
1997-2013 The PHP Group | +-----+ | This  
source file is subject to version 3.01 of the PHP license, | | that is bundled with this package in  
the file LICENSE, and is | | available through the world-wide-web at the following url: | | [http://www.php.net/license/3\\_01.txt](http://www.php.net/license/3_01.txt) | | If you did not receive a copy of the PHP license and are  
unable to | | obtain it through the world-wide-web, please send a note to | | [license@php.net](mailto:license@php.net) so  
we can mail you a copy immediately. |

===== File 5 of 38: build/shtool

===== ## Copyright (c) 1994-2008 Ralf S. Engelschall <[rse@engelschall.com](mailto:rse@engelschall.com)> ## ##  
See <http://www.gnu.org/software/shtool/> for more information. ## See <ftp://ftp.gnu.org/gnu/shtool/> for latest version. ## ## Version: 2.0.8 (18-Jul-2008) ## Contents: 5/19 available  
modules ## This program is free software; you can redistribute it and/or modify it under the  
terms of the GNU General Public License as published by the Free Software Foundation;  
either version 2 of the License, or (at your option) any later version. This program is distributed  
in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied  
warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU  
General Public License for more details. You should have received a copy of the GNU General  
Public License along with this program; if not, write to the Free Software Foundation, Inc., 59  
Temple Place - Suite 330, Boston, MA 02111-1307, USA, or contact Ralf S. Engelschall  
<[rse@engelschall.com](mailto:rse@engelschall.com)>. NOTICE: Given that you include this file verbatim into your own  
source tree, you are justified in saying that it remains separate from your package, and that  
this way you are simply just using GNU shtool. So, in this situation, there is no requirement that  
your package itself is licensed under the GNU General Public License in order to take  
advantage of GNU shtool.



```
=====
===== File 6 of 38: ext/bcmath/libbcmath/src/add.c
=====
```

```
===== Copyright (C) 1991, 1992, 1993, 1994, 1997 Free Software Foundation, Inc.
Copyright (C) 2000 Philip A. Nelson This library is free software; you can redistribute it and/or
modify it under the terms of the GNU Lesser General Public License as published by the Free
Software Foundation; either version 2 of the License, or (at your option) any later version. This
library is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without
even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR
PURPOSE. See the GNU Lesser General Public License for more details. (COPYING.LIB) You
should have received a copy of the GNU Lesser General Public License along with this library;
if not, write to: The Free Software Foundation, Inc. 59 Temple Place, Suite 330 Boston, MA
02111-1307 USA.
```

```
=====
===== File 7 of 38: ext/bcmath/libbcmath/COPYING.LIB
=====
```

```
===== GNU LESSER GENERAL PUBLIC LICENSE Version 2.1, February 1999
Copyright (C) 1991, 1999 Free Software Foundation, Inc. 59 Temple Place, Suite 330, Boston,
MA 02111-1307 USA Everyone is permitted to copy and distribute verbatim copies of this
license document, but changing it is not allowed. [This is the first released version of the
Lesser GPL. It also counts as the successor of the GNU Library Public License, version 2,
hence the version number 2.1.] Preamble The licenses for most software are designed to take
away your freedom to share and change it. By contrast, the GNU General Public Licenses are
intended to guarantee your freedom to share and change free software--to make sure the
software is free for all its users. This license, the Lesser General Public License, applies to
some specially designated software packages--typically libraries--of the Free Software
Foundation and other authors who decide to use it. You can use it too, but we suggest you first
think carefully about whether this license or the ordinary General Public License is the better
strategy to use in any particular case, based on the explanations below. When we speak of
free software, we are referring to freedom of use, not price. Our General Public Licenses are
designed to make sure that you have the freedom to distribute copies of free software (and
charge for this service if you wish); that you receive source code or can get it if you want it; that
you can change the software and use pieces of it in new free programs; and that you are
informed that you can do these things. To protect your rights, we need to make restrictions that
forbid distributors to deny you these rights or to ask you to surrender these rights. These
restrictions translate to certain responsibilities for you if you distribute copies of the library or if
you modify it. For example, if you distribute copies of the library, whether gratis or for a fee, you
must give the recipients all the rights that we gave you. You must make sure that they, too,
receive or can get the source code. If you link other code with the library, you must provide
complete object files to the recipients, so that they can relink them with the library after making
changes to the library and recompiling it. And you must show them these terms so they know
their rights. We protect your rights with a two-step method: (1) we copyright the library, and (2)
we offer you this license, which gives you legal permission to copy, distribute and/or modify the
library. To protect each distributor, we want to make it very clear that there is no warranty for
the free library. Also, if the library is modified by someone else and passed on, the recipients
should know that what they have is not the original version, so that the original author's
reputation will not be affected by problems that might be introduced by others. Finally, software
patents pose a constant threat to the existence of any free program. We wish to make sure that
a company cannot effectively restrict the users of a free program by obtaining a restrictive
license from a patent holder. Therefore, we insist that any patent license obtained for a version
of the library must be consistent with the full freedom of use specified in this license. Most
GNU software, including some libraries, is covered by the ordinary GNU General Public
License. This license, the GNU Lesser General Public License, applies to certain designated
libraries, and is quite different from the ordinary General Public License. We use this license for
certain libraries in order to permit linking those libraries into non-free programs. When a
program is linked with a library, whether statically or using a shared library, the combination of
```



the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library. We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances. For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License. In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system. Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library. The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run. GNU LESSER GENERAL PUBLIC LICENSE TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION 0. This License Agreement applies to any software library or other program which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Lesser General Public License (also called "this License"). Each licensee is addressed as "you". A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables. The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".) "Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library. Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library. You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.
2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:
  - a) The modified work must itself be a software library.

b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.

c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.

d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful. (For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.) These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it. Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library. In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

1. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices. Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy. This option is useful when you wish to copy part of the code of the Library into a program that is not a library.
2. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange. If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.
3. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License. However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables. When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law. If such an object file uses only numerical parameters, data structure layouts and

accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.) Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

4. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications. You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things: a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.) b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with. c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution. d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place. e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy. For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable. It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.
5. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things: a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above. b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.
6. You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense, link with, or distribute the Library is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this

License will not have their licenses terminated so long as such parties remain in full compliance.

7. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Library or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Library (or any work based on the Library), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Library or works based on it.
8. Each time you redistribute the Library (or any work based on the Library), the recipient automatically receives a license from the original licensor to copy, distribute, link with or modify the Library subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties with this License.
9. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Library at all. For example, if a patent license would not permit royalty-free redistribution of the Library by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Library. If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances. It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice. This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.
10. If the distribution and/or use of the Library is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Library under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.
11. The Free Software Foundation may publish revised and/or new versions of the Lesser General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns. Each version is given a distinguishing version number. If the Library specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Library does not specify a license version number, you may choose any version ever published by the Free Software Foundation. 14. If you wish to incorporate parts of the Library into other free programs whose distribution conditions are incompatible with these, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY 15. BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE LIBRARY "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE LIBRARY IS WITH YOU. SHOULD THE LIBRARY PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION. 16. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE LIBRARY AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Libraries If you develop a new library, and you want it to be of the greatest possible use to the public, we recommend making it free software that everyone can redistribute and change. You can do so by permitting redistribution under these terms (or, alternatively, under the terms of the ordinary General Public License). To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found. <one line to give the library's name and a brief idea of what it does.> Copyright (C) <year> <name of author> This library is free software; you can redistribute it and/or modify it under the terms of the GNU Lesser General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version. This library is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU Lesser General Public License for more details. You should have received a copy of the GNU Lesser General Public License along with this library; if not, write to the Free Software Foundation, Inc., 59 Temple Place, Suite 330, Boston, MA 02111-1307 USA Also add information on how to contact you by electronic and paper mail. You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the library, if necessary. Here is a sample; alter the names: Yoyodyne, Inc., hereby disclaims all copyright interest in the library `Frob' (a library for tweaking knobs) written by James Random Hacker. <signature of Ty Coon>, 1 April 1990 Ty Coon, President of Vice That's all there is to it!

```
=====
===== File 8 of 38: ext/calendar: dow.c
=====
===== * Copyright 1993-1995, Scott E. Lee, all rights reserved. * Permission granted to
use, copy, modify, distribute and sell so long as * the above copyright and this permission
statement are retained in all * copies. THERE IS NO WARRANTY - USE AT YOUR OWN
RISK.
=====
===== File 9 of 38: ext/ereg/regex/COPYRIGHT
=====
===== Copyright 1992, 1993, 1994 Henry Spencer. All rights reserved. This software is
not subject to any license of the American Telephone and Telegraph Company or of the
Regents of the University of California. Permission is granted to anyone to use this software for
any purpose on any computer system, and to alter it and redistribute it, subject to the following
restrictions: 1. The author is not responsible for the consequences of use of this software, no
matter how awful, even if they arise from flaws in it. 2. The origin of this software must not be
```



misrepresented, either by explicit claim or by omission. Since few users ever read sources, credits must appear in the documentation. 3. Altered versions must be plainly marked as such, and must not be misrepresented as being the original software. Since few users ever read sources, credits must appear in the documentation. 4. This notice may not be removed or altered.

```
=====
===== File 10 of 38: ext/fileinfo/libmagic/LICENSE
=====
```

```
===== Author: Christos Zoulas <christos@zoulas.com> Download: ftp://
ftp.astron.com/pub/file/ Files: * Copyright: (C) 1985-1995 Ian F. Darwin (C) 1994-2009 Christos
Zoulas <christos@zoulas.com> License: BSD This software is not subject to any export
provision of the United States Department of Commerce, and may be exported to any country
or planet. . Redistribution and use in source and binary forms, with or without modification, are
permitted provided that the following conditions are met: 1. Redistributions of source code
must retain the above copyright notice immediately at the beginning of the file, without
modification, this list of conditions, and the following disclaimer. . 2. Redistributions in binary
form must reproduce the above copyright notice, this list of conditions and the following
disclaimer in the documentation and/or other materials provided with the distribution. . THIS
SOFTWARE IS PROVIDED BY THE AUTHOR AND CONTRIBUTORS ``AS IS" AND ANY
EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED
WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE
ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR OR CONTRIBUTORS BE LIABLE
FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR
CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF
SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS
INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN
CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)
ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE
POSSIBILITY OF SUCH DAMAGE.
```

```
=====
===== File 11 of 38: ext/gd/libgd/COPYING
=====
```

```
===== Portions copyright 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002 by
Cold Spring Harbor Laboratory. Funded under Grant P41-RR02188 by the National Institutes of
Health. Portions copyright 1996, 1997, 1998, 1999, 2000, 2001, 2002 by Boutell.Com, Inc.
Portions relating to GD2 format copyright 1999, 2000, 2001, 2002 Philip Warner. Portions
relating to PNG copyright 1999, 2000, 2001, 2002 Greg Roelofs. Portions relating to gdttf.c
copyright 1999, 2000, 2001, 2002 John Ellson (ellson@lucent.com). Portions relating to gdft.c
copyright 2001, 2002 John Ellson (ellson@lucent.com). Portions copyright 2000, 2001, 2002,
2003, 2004, 2005, 2006, 2007 2008, 2009 Pierre-Alain Joye (pierre@libgd.org). Portions
relating to JPEG and to color quantization copyright 2000, 2001, 2002, Doug Becker and
copyright (C) 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, Thomas G. Lane. This
software is based in part on the work of the Independent JPEG Group. See the file README-
JPEG.TXT for more information. Portions relating to WBMP copyright 2000, 2001, 2002
Maurice Szmurlo and Johan Van den Brande. Permission has been granted to copy, distribute
and modify gd in any context without fee, including a commercial application, provided that this
notice is present in user-accessible supporting documentation. This does not affect your
ownership of the derived work itself, and the intent is to assure proper credit for the authors of
gd, not to interfere with your productive use of gd. If you have questions, ask. "Derived works"
includes all programs that utilize the library. Credit must be given in user-accessible
documentation. This software is provided "AS IS." The copyright holders disclaim all
warranties, either express or implied, including but not limited to implied warranties of
merchantability and fitness for a particular purpose, with respect to this code and
accompanying documentation. Although their code does not appear in gd, the authors wish to
thank David Koblas, David Rowley, and Hutchison Avenue Software Corporation for their prior
contributions.
```

```

=====
===== File 12 of 38: ext/gd/libgd/README
=====
===== This directory contains the GD library available from http://www.boutell.com/gd/
The inclusion of this library with PHP is in response to the popularity of the GD extension and
the GD library itself. We felt it would be worthwhile to make sure everyone had access to the
features of GD and by bundling GD with PHP we have a known target to work against. In
addition to the above, a number of motivated PHP hackers have expressed an interest in
extending the functionality of the PHP-GD combination. By putting a version of GD into PHP
CVS we have provided a sandbox for them to throw sand at each other in. Any and all
improvements we make to the GD library will be contributed back to the original maintainers of
this library at boutell.com. The following statement is from the original GD package: Credits
and license terms In order to resolve any possible confusion regarding the authorship of gd,
the following copyright statement covers all of the authors who have required such a
statement. _If you are aware of any oversights in this copyright notice, please contact Thomas
Boutell who will be pleased to correct them. _ COPYRIGHT STATEMENT FOLLOWS THIS
LINE Portions copyright 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001 by Cold Spring
Harbor Laboratory. Funded under Grant P41-RR02188 by the National Institutes of Health.
Portions copyright 1996, 1997, 1998, 1999, 2000, 2001 by Boutell.Com, Inc. Portions relating
to GD2 format copyright 1999, 2000 Philip Warner. Portions relating to PNG copyright 1999,
2000 Greg Roelofs. Portions relating to libtiff copyright 1999, 2000 John Ellson
(ellson@lucent.com). Portions relating to JPEG and to color quantization copyright 2000, Doug
Becker and copyright (C) 1994-1998, Thomas G. Lane. This software is based in part on the
work of the Independent JPEG Group. See the file README-JPEG.TXT for more information.
Portions relating to WBMP copyright 2000 Maurice Szumuro and Johan Van den Brande.
_Permission has been granted to copy, distribute and modify gd in any context without fee,
including a commercial application, provided that this notice is present in user-accessible
supporting documentation. _ This does not affect your ownership of the derived work itself, and
the intent is to assure proper credit for the authors of gd, not to interfere with your productive
use of gd. If you have questions, ask. "Derived works" includes all programs that utilize the
library. Credit must be given in user-accessible documentation. _This software is provided "AS
IS." _ The copyright holders disclaim all warranties, either express or implied, including but not
limited to implied warranties of merchantability and fitness for a particular purpose, with respect
to this code and accompanying documentation. Although their code does not appear in gd
2.0.1, the authors wish to thank David Koblas, David Rowley, and Hutchison Avenue Software
Corporation for their prior contributions. END OF COPYRIGHT STATEMENT
=====
===== File 13 of 38: ext/gd/libgd/webpimg.c
=====
===== - Copyright 2010 Google Inc. - - This code is licensed under the same terms as
WebM: - Software License Agreement: http://www.webmproject.org/license/software/ -
Additional IP Rights Grant: http://www.webmproject.org/license/additional/
=====
===== File 14 of 38: http://www.webmproject.org/license/software/
=====
===== Software License Copyright (c) 2010, Google Inc. All rights reserved.
Redistribution and use in source and binary forms, with or without modification, are permitted
provided that the following conditions are met: Redistributions of source code must retain the
above copyright notice, this list of conditions and the following disclaimer. Redistributions in
binary form must reproduce the above copyright notice, this list of conditions and the following
disclaimer in the documentation and/or other materials provided with the distribution. Neither
the name of Google nor the names of its contributors may be used to endorse or promote
products derived from this software without specific prior written permission. THIS SOFTWARE
IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY
EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED
WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE

```

ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

===== File 15 of 38: <http://www.webmproject.org/license/additional/>

===== Additional IP Rights Grant (Patents) "These implementations" means the copyrightable works that implement the WebM codecs distributed by Google as part of the WebM Project. Google hereby grants to you a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer, and otherwise run, modify and propagate the contents of these implementations of WebM, where such license applies only to those patent claims, both currently owned by Google and acquired in the future, licensable by Google that are necessarily infringed by these implementations of WebM. This grant does not include claims that would be infringed only as a consequence of further modification of these implementations. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation or any other patent enforcement activity against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that any of these implementations of WebM or any code incorporated within any of these implementations of WebM constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for these implementations of WebM shall terminate as of the date such litigation is filed.

===== File 16 of 38: ext/json/JSON\_parser.c

===== Copyright (c) 2005 JSON.org Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions: The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software. The Software shall be used for Good, not Evil. THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

===== File 17 of 38: ext/mbstring/libmbfl/filters/cp932\_table.h

===== \* Copyright (c) 1998-2002 HappySize, Inc. All rights reserved. \* \* LICENSE NOTICES \* \* This file is part of "streamable kanji code filter and converter", \* which is distributed under the terms of GNU Lesser General Public \* License (version 2) as published by the Free Software Foundation. \* \* This software is distributed in the hope that it will be useful, \* but WITHOUT ANY WARRANTY; without even the implied warranty of \* MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the \* GNU Lesser General Public License for more details. \* \* You should have received a copy of the GNU Lesser General Public \* License along with "streamable kanji code filter and converter"; \* if not, write to the Free Software Foundation, Inc., 59 Temple Place, \* Suite 330, Boston, MA



02111-1307 USA

```
=====
===== File 18 of 38: ext/mbstring/oniguruma/enc/ascii.c
=====
```

```
===== * Copyright (c) 2002-2007 K.Kosako <sndgk393 AT ybb DOT ne DOT jp> * All
rights reserved. * * Redistribution and use in source and binary forms, with or without *
modification, are permitted provided that the following conditions * are met: * 1. Redistributions
of source code must retain the above copyright * notice, this list of conditions and the following
disclaimer. * 2. Redistributions in binary form must reproduce the above copyright * notice, this
list of conditions and the following disclaimer in the * documentation and/or other materials
provided with the distribution. * * THIS SOFTWARE IS PROVIDED BY THE AUTHOR AND
CONTRIBUTORS ``AS IS" AND * ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING,
BUT NOT LIMITED TO, THE * IMPLIED WARRANTIES OF MERCHANTABILITY AND
FITNESS FOR A PARTICULAR PURPOSE * ARE DISCLAIMED. IN NO EVENT SHALL THE
AUTHOR OR CONTRIBUTORS BE LIABLE * FOR ANY DIRECT, INDIRECT, INCIDENTAL,
SPECIAL, EXEMPLARY, OR CONSEQUENTIAL * DAMAGES (INCLUDING, BUT NOT
LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS * OR SERVICES; LOSS OF USE,
DATA, OR PROFITS; OR BUSINESS INTERRUPTION) * HOWEVER CAUSED AND ON ANY
THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT * LIABILITY, OR TORT
(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY * OUT OF THE USE
OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF * SUCH DAMAGE.
=====
```

```
===== File 19 of 38: ext/mbstring/oniguruma/enc/gb18030.c
=====
```

```
===== * Copyright (c) 2005 KUBO Takehiro <kubo AT jiubao DOT org> * K.Kosako
<sndgk393 AT ybb DOT ne DOT jp> * All rights reserved. * * Redistribution and use in source
and binary forms, with or without * modification, are permitted provided that the following
conditions * are met: * 1. Redistributions of source code must retain the above copyright *
notice, this list of conditions and the following disclaimer. * 2. Redistributions in binary form
must reproduce the above copyright * notice, this list of conditions and the following disclaimer
in the * documentation and/or other materials provided with the distribution. * * THIS
SOFTWARE IS PROVIDED BY THE AUTHOR AND CONTRIBUTORS ``AS IS" AND * ANY
EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE * IMPLIED
WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE *
ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR OR CONTRIBUTORS BE LIABLE *
FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR
CONSEQUENTIAL * DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF
SUBSTITUTE GOODS * OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR
BUSINESS INTERRUPTION) * HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY,
WHETHER IN CONTRACT, STRICT * LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR
OTHERWISE) ARISING IN ANY WAY * OUT OF THE USE OF THIS SOFTWARE, EVEN IF
ADVISED OF THE POSSIBILITY OF * SUCH DAMAGE.
=====
```

```
===== File 20 of 38: ext/mbstring/ucgendet/OPENLDAP_LICENSE
=====
```

```
===== The OpenLDAP Public License Version 2.8, 17 August 2003 Redistribution and
use of this software and associated documentation ("Software"), with or without modification,
are permitted provided that the following conditions are met: 1. Redistributions in source form
must retain copyright statements and notices, 2. Redistributions in binary form must reproduce
applicable copyright statements and notices, this list of conditions, and the following disclaimer
in the documentation and/or other materials provided with the distribution, and 3.
Redistributions must contain a verbatim copy of this document. The OpenLDAP Foundation
may revise this license from time to time. Each revision is distinguished by a version number.
You may use this Software under terms of this license revision or under the terms of any
subsequent revision of the license. THIS SOFTWARE IS PROVIDED BY THE OPENLDAP
FOUNDATION AND ITS CONTRIBUTORS ``AS IS" AND ANY EXPRESSED OR IMPLIED
```

WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE OPENLDAP FOUNDATION, ITS CONTRIBUTORS, OR THE AUTHOR(S) OR OWNER(S) OF THE SOFTWARE BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE. The names of the authors and copyright holders must not be used in advertising or otherwise to promote the sale, use or other dealing in this Software without specific, written prior permission. Title to copyright in this Software shall at all times remain with copyright holders. OpenLDAP is a registered trademark of the OpenLDAP Foundation. Copyright 1999-2003 The OpenLDAP Foundation, Redwood City, California, USA. All Rights Reserved. Permission to copy and distribute verbatim copies of this document is granted.

=====  
 ===== File 21 of 38: ext/mbstring/ucgendetat/ucgendetat

=====  
 ===== \* Copyright 1998-2007 The OpenLDAP Foundation. \* All rights reserved. \* \*  
 Redistribution and use in source and binary forms, with or without \* modification, are permitted  
 only as authorized by the OpenLDAP \* Public License. \* \* A copy of this license is available at  
 \* <<http://www.OpenLDAP.org/license.html>>. \*/ /\* Copyright 2001 Computing Research Labs,  
 New Mexico State University \* \* Permission is hereby granted, free of charge, to any person  
 obtaining a \* copy of this software and associated documentation files (the "Software"), \* to  
 deal in the Software without restriction, including without limitation \* the rights to use, copy,  
 modify, merge, publish, distribute, sublicense, \* and/or sell copies of the Software, and to  
 permit persons to whom the \* Software is furnished to do so, subject to the following  
 conditions: \* \* The above copyright notice and this permission notice shall be included in \* all  
 copies or substantial portions of the Software. \* \* THE SOFTWARE IS PROVIDED "AS IS",  
 WITHOUT WARRANTY OF ANY KIND, EXPRESS OR \* IMPLIED, INCLUDING BUT NOT  
 LIMITED TO THE WARRANTIES OF MERCHANTABILITY, \* FITNESS FOR A PARTICULAR  
 PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL \* THE COMPUTING  
 RESEARCH LAB OR NEW MEXICO STATE UNIVERSITY BE LIABLE FOR ANY \* CLAIM,  
 DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT \* OR  
 OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR \*  
 THE USE OR OTHER DEALINGS IN THE SOFTWARE.

=====  
 ===== File 22 of 38: ext/pcres/pcreslib/LICENSE

=====  
 ===== PCRE LICENCE ----- PCRE is a library of functions to support regular  
 expressions whose syntax and semantics are as close as possible to those of the Perl 5  
 language. Release 8 of PCRE is distributed under the terms of the "BSD" licence, as specified  
 below. The documentation for PCRE, supplied in the "doc" directory, is distributed under the  
 same terms as the software itself. The basic library functions are written in C and are  
 freestanding. Also included in the distribution is a set of C++ wrapper functions, and a just-in-  
 time compiler that can be used to optimize pattern matching. These are both optional features  
 that can be omitted when the library is built. THE BASIC LIBRARY FUNCTIONS  
 ----- Written by: Philip Hazel Email local part: ph10 Email domain: cam.ac.uk  
 University of Cambridge Computing Service, Cambridge, England. Copyright (c) 1997-2012  
 University of Cambridge All rights reserved. PCRE JUST-IN-TIME COMPILATION SUPPORT  
 ----- Written by: Zoltan Herczeg Email local part: hzmester Email  
 domain: freemail.hu Copyright(c) 2010-2012 Zoltan Herczeg All rights reserved. STACK-LESS  
 JUST-IN-TIME COMPILER ----- Written by: Zoltan Herczeg Email local  
 part: hzmester Email domain: freemail.hu Copyright(c) 2009-2012 Zoltan Herczeg All rights  
 reserved. THE C++ WRAPPER FUNCTIONS ----- Contributed by: Google Inc.

Copyright (c) 2007-2012, Google Inc. All rights reserved. THE "BSD" LICENCE -----  
 Redistribution and use in source and binary forms, with or without modification, are permitted  
 provided that the following conditions are met: \* Redistributions of source code must retain the  
 above copyright notice, this list of conditions and the following disclaimer. \* Redistributions in  
 binary form must reproduce the above copyright notice, this list of conditions and the following  
 disclaimer in the documentation and/or other materials provided with the distribution. \* Neither  
 the name of the University of Cambridge nor the name of Google Inc. nor the names of their  
 contributors may be used to endorse or promote products derived from this software without  
 specific prior written permission. THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT  
 HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES,  
 INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY  
 AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL  
 THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT,  
 INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT  
 NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF  
 USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON  
 ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT  
 (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF  
 THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE. End

===== File 23 of 38: ext/standard/html\_tables/mappings/8859-1.txt

===== # Copyright (c) 1991-1999 Unicode, Inc. All Rights reserved. ## This file is  
 provided as-is by Unicode, Inc. (The Unicode Consortium). # No claims are made as to fitness  
 for any particular purpose. No # warranties of any kind are expressed or implied. The recipient  
 # agrees to determine applicability of information provided. If this # file has been provided on  
 optical media by Unicode, Inc., the sole # remedy for any claim will be exchange of defective  
 media within 90 # days of receipt. ## Unicode, Inc. hereby grants the right to freely use the  
 information # supplied in this file in the creation of products supporting the # Unicode Standard,  
 and to make copies of this file in any form for # internal or external distribution as long as this  
 notice remains # attached.

===== File 24 of 38: ext/standard/html\_tables/mappings/ROMAN.txt

===== # Copyright: (c) 1994-2002, 2005 by Apple Computer, Inc., all rights # reserved.  
 ## Standard header: # ----- ## Apple, the Apple logo, and Macintosh are trademarks  
 of Apple # Computer, Inc., registered in the United States and other countries. # Unicode is a  
 trademark of Unicode Inc. For the sake of brevity, # throughout this document, "Macintosh" can  
 be used to refer to # Macintosh computers and "Unicode" can be used to refer to the #  
 Unicode standard. ## Apple Computer, Inc. ("Apple") makes no warranty or representation, #  
 either express or implied, with respect to this document and the # included data, its quality,  
 accuracy, or fitness for a particular # purpose. In no event will Apple be liable for direct,  
 indirect, # special, incidental, or consequential damages resulting from any # defect or  
 inaccuracy in this document or the included data.

===== File 25 of 38: ext/standard/strnatcmp.c

===== Copyright (C) 2000 by Martin Pool <mbp@humbug.org.au> This software is  
 provided 'as-is', without any express or implied warranty. In no event will the authors be held  
 liable for any damages arising from the use of this software. Permission is granted to anyone  
 to use this software for any purpose, including commercial applications, and to alter it and  
 redistribute it freely, subject to the following restrictions: 1. The origin of this software must not  
 be misrepresented; you must not claim that you wrote the original software. If you use this  
 software in a product, an acknowledgment in the product documentation would be appreciated  
 but is not required. 2. Altered source versions must be plainly marked as such, and must not  
 be misrepresented as being the original software. 3. This notice may not be removed or altered

from any source distribution.

```
=====
===== File 26 of 38: ext/xmlrpc/libxmlrpc/encodings.c
=====
===== Copyright 2000-2001 Epinions, Inc. Subject to the following 3 conditions,
Epinions, Inc. permits you, free of charge, to (a) use, copy, distribute, modify, perform and
display this software and associated documentation files (the "Software"), and (b) permit others
to whom the Software is furnished to do so as well. 1) The above copyright notice and this
permission notice shall be included without modification in all copies or substantial portions of
the Software. 2) THE SOFTWARE IS PROVIDED "AS IS", WITHOUT ANY WARRANTY OR
CONDITION OF ANY KIND, EXPRESS, IMPLIED OR STATUTORY, INCLUDING WITHOUT
LIMITATION ANY IMPLIED WARRANTIES OF ACCURACY, MERCHANTABILITY, FITNESS
FOR A PARTICULAR PURPOSE OR NONINFRINGEMENT. 3) IN NO EVENT SHALL
EPINIONS, INC. BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL, INCIDENTAL OR
CONSEQUENTIAL DAMAGES OR LOST PROFITS ARISING OUT OF OR IN CONNECTION
WITH THE SOFTWARE (HOWEVER ARISING, INCLUDING NEGLIGENCE), EVEN IF
EPINIONS, INC. IS AWARE OF THE POSSIBILITY OF SUCH DAMAGES.
=====
===== File 27 of 38: ext/zip/lib/zip.h
=====
===== Copyright (C) 1999-2011 Dieter Baron and Thomas Klausner This file is part of
libzip, a library to manipulate ZIP archives. The authors can be contacted at <libzip@nih.at>
Redistribution and use in source and binary forms, with or without modification, are permitted
provided that the following conditions are met: 1. Redistributions of source code must retain
the above copyright notice, this list of conditions and the following disclaimer. 2. Redistributions
in binary form must reproduce the above copyright notice, this list of conditions and the
following disclaimer in the documentation and/or other materials provided with the distribution.
3. The names of the authors may not be used to endorse or promote products derived from
this software without specific prior written permission. THIS SOFTWARE IS PROVIDED BY
THE AUTHORS ``AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING,
BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND
FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE
AUTHORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY,
OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT
OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR
BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY,
WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR
OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF
ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
=====
===== File 28 of 38: main/mergesort.c
=====
===== * Copyright (c) 1989-1994 * The Regents of the University of California. All rights
reserved. * This code is derived from software contributed to Berkeley by * Peter McIlroy. *
Redistribution and use in source and binary forms, with or without * modification, are permitted
provided that the following conditions * are met: * 1. Redistributions of source code must retain
the above copyright * notice, this list of conditions and the following disclaimer. * 2.
Redistributions in binary form must reproduce the above copyright * notice, this list of
conditions and the following disclaimer in the * documentation and/or other materials provided
with the distribution. * 3. All advertising materials mentioning features or use of this software *
must display the following acknowledgement: * This product includes software developed by
the University of * California, Berkeley and its contributors. * 4. Neither the name of the
University nor the names of its contributors * may be used to endorse or promote products
derived from this software * without specific prior written permission. * THIS SOFTWARE IS
PROVIDED BY THE REGENTS AND CONTRIBUTORS ``AS IS" AND * ANY EXPRESS OR
IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE * IMPLIED
```

WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE \* ARE DISCLAIMED. IN NO EVENT SHALL THE REGENTS OR CONTRIBUTORS BE LIABLE \* FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL \* DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS \* OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) \* HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT \* LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY \* OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF \* SUCH DAMAGE.

=====  
 ===== File 29 of 38: sapi/cli/php\_http\_parser.c

=====  
 ===== /\* Copyright 2009,2010 Ryan Dahl <ry@tinyclouds.org> \* \* Permission is hereby granted, free of charge, to any person obtaining a copy \* of this software and associated documentation files (the "Software"), to \* deal in the Software without restriction, including without limitation the \* rights to use, copy, modify, merge, publish, distribute, sublicense, and/or \* sell copies of the Software, and to permit persons to whom the Software is \* furnished to do so, subject to the following conditions: \* \* The above copyright notice and this permission notice shall be included in \* all copies or substantial portions of the Software. \* \* THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR \* IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, \* FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE \* AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER \* LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING \* FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS \* IN THE SOFTWARE.

=====  
 ===== File 30 of 38: sapi/fpm/fpm/fpm\_log.c

=====  
 ===== /\* (c) 2009 Jerome Loyet \*/

=====  
 ===== File 31 of 38: sapi/fpm/LICENSE

=====  
 ===== Copyright (c) 2004-2009, Andrei Nigmatulin All rights reserved. Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met: 1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer. 2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution. THIS SOFTWARE IS PROVIDED BY AUTHOR AND CONTRIBUTORS ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL AUTHOR OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

=====  
 ===== File 32 of 38: TSRM/LICENSE

=====  
 ===== Copyright (c) 1999-2011, Andi Gutmans, Sascha Schumann, Zeev Suraski. All rights reserved. Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met: - Redistributions of source code



must retain the above copyright notice, this list of conditions and the following disclaimer. - Neither name of the copyright holders nor the names of their contributors may be used to endorse or promote products derived from this software without specific prior written permission. THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDERS OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

===== File 33 of 38: TSRM/trheads.M4

===== Copyright (c) 1999, 2000 Sascha Schumann. All rights reserved. Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met: 1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer. 2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution. THIS SOFTWARE IS PROVIDED BY SASCHA SCHUMANN ``AS IS'' AND ANY EXPRESSED OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL SASCHA SCHUMANN OR HIS CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

===== File 34 of 38: win32/flock.c

===== \* Copyright 1996-1997 by the University of Washington \* \* Permission to use, copy, modify, and distribute this software and its \* documentation for any purpose and without fee is hereby granted, provided \* that the above copyright notice appears in all copies and that both the \* above copyright notice and this permission notice appear in supporting \* documentation, and that the name of the University of Washington not be \* used in advertising or publicity pertaining to distribution of the software \* without specific, written prior permission. This software is made available \* "as is", and \* THE UNIVERSITY OF WASHINGTON DISCLAIMS ALL WARRANTIES, EXPRESS OR IMPLIED, \* WITH REGARD TO THIS SOFTWARE, INCLUDING WITHOUT LIMITATION ALL IMPLIED \* WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, AND IN \* NO EVENT SHALL THE UNIVERSITY OF WASHINGTON BE LIABLE FOR ANY SPECIAL, \* INDIRECT OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM \* LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, TORT \* (INCLUDING NEGLIGENCE) OR STRICT LIABILITY, ARISING OUT OF OR IN CONNECTION \* WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

===== File 35 of 38: win32/php\_stdint.h

===== // Copyright (c) 2006-2009 Alexander Chemeris // // Redistribution and use in

source and binary forms, with or without // modification, are permitted provided that the following conditions are met: // 1. Redistributions of source code must retain the above copyright notice, // this list of conditions and the following disclaimer. // 2. Redistributions in binary form must reproduce the above copyright // notice, this list of conditions and the following disclaimer in the // documentation and/or other materials provided with the distribution. // 3. The name of the author may be used to endorse or promote products // derived from this software without specific prior written permission. // THIS SOFTWARE IS PROVIDED BY THE AUTHOR ``AS IS" AND ANY EXPRESS OR IMPLIED // WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF // MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO // EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, // SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, // PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; // OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, // WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR // OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF // ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

===== File 36 of 38: Zend/LICENSE

===== The Zend Engine License, Version 2.00 Copyright (c) 1999-2006 Zend Technologies Ltd. All rights reserved.

----- Redistribution and use in source and binary forms, with or without modification, is permitted provided that the following conditions are met: 1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer. 2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution. 3. The names "Zend" and "Zend Engine" must not be used to endorse or promote products derived from this software without prior permission from Zend Technologies Ltd. For written permission, please contact [license@zend.com](mailto:license@zend.com). 4. Zend Technologies Ltd. may publish revised and/or new versions of the license from time to time. Each version will be given a distinguishing version number. Once covered code has been published under a particular version of the license, you may always continue to use it under the terms of that version. You may also choose to use such covered code under the terms of any subsequent version of the license published by Zend Technologies Ltd. No one other than Zend Technologies Ltd. has the right to modify the terms applicable to covered code created under this License. 5. Redistributions of any form whatsoever must retain the following acknowledgment: "This product includes the Zend Engine, freely available at <http://www.zend.com>" 6. All advertising materials mentioning features or use of this software must display the following acknowledgment: "The Zend Engine is freely available at <http://www.zend.com>" THIS SOFTWARE IS PROVIDED BY ZEND TECHNOLOGIES LTD. ``AS IS" AND ANY EXPRESSED OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL ZEND TECHNOLOGIES LTD. BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

===== File 37 of 38: Zend/header

```
===== | Copyright (c) 1998-2013 Zend Technologies Ltd. (http://www.zend.com) |
+-----+ | This source file is subject to version
2.00 of the Zend license, | that is bundled with this package in the file LICENSE, and is |
available through the world-wide-web at the following url: | http://www.zend.com/license/2\_00.txt. |
| If you did not receive a copy of the Zend license and are unable to | obtain it
through the world-wide-web, please send a note to | license@zend.com so we can mail you a
copy immediately.
```

```
=====
===== File 38 of 38: Zend/zend_strtod.c
=====
```

```
===== * Copyright (c) 1991 by AT&T. * * Permission to use, copy, modify, and distribute
this software for any * purpose without fee is hereby granted, provided that this entire notice *
is included in all copies of any software which is or includes a copy * or modification of this
software and in all copies of the supporting * documentation for such software. * * THIS
SOFTWARE IS BEING PROVIDED "AS IS", WITHOUT ANY EXPRESS OR IMPLIED *
WARRANTY. IN PARTICULAR, NEITHER THE AUTHOR NOR AT&T MAKES ANY *
REPRESENTATION OR WARRANTY OF ANY KIND CONCERNING THE
MERCHANTABILITY * OF THIS SOFTWARE OR ITS FITNESS FOR ANY PARTICULAR
PURPOSE.
```



# COMMON DEVELOPMENT AND DISTRIBUTION LICENSE Version 1.0

## COMMON DEVELOPMENT AND DISTRIBUTION LICENSE Version 1.0 (CDDL-1.0) ( )

### 1. Definitions.

- **1.1. Contributor** means each individual or entity that creates or contributes to the creation of Modifications.
- **1.2. Contributor Version** means the combination of the Original Software, prior Modifications used by a Contributor (if any), and the Modifications made by that particular Contributor.
- **1.3. Covered Software** means (a) the Original Software, or (b) Modifications, or (c) the combination of files containing Original Software with files containing Modifications, in each case including portions thereof.
- **1.4. Executable** means the Covered Software in any form other than Source Code.
- **1.5. Initial Developer** means the individual or entity that first makes Original Software available under this License.
- **1.6. Larger Work** means a work which combines Covered Software or portions thereof with code not governed by the terms of this License.
- **1.7. License** means this document.
- **1.8. Licensable** means having the right to grant, to the maximum extent possible, whether at the time of the initial grant or subsequently acquired, any and all of the rights conveyed herein.
- **1.9. Modifications** means the Source Code and Executable form of any of the following:
  - **A.** Any file that results from an addition to, deletion from or modification of the contents of a file containing Original Software or previous Modifications;
  - **B.** Any new file that contains any part of the Original Software or previous Modification; or
  - **C.** Any new file that is contributed or otherwise made available under the terms of this License.
- **1.10. Original Software** means the Source Code and Executable form of computer software code that is originally released under this License.
- **1.11. Patent Claims** means any patent claim(s), now owned or hereafter acquired, including without limitation, method, process, and apparatus claims, in any patent Licensable by grantor.
- **1.12. Source Code** means (a) the common form of computer software code in which modifications are made and (b) associated documentation included in or with such code.
- **1.13. You (or Your)** means an individual or a legal entity exercising rights under, and complying with all of the terms of, this License. For legal entities, You includes any entity which controls, is controlled by, or is under common control with You. For purposes of this definition, control means (a) the power, direct or indirect, to cause the direction or

management of such entity, whether by contract or otherwise, or (b) ownership of more than fifty percent (50%) of the outstanding shares or beneficial ownership of such entity.

## 2. License Grants.

- **2.1. The Initial Developer Grant.** Conditioned upon Your compliance with Section 3.1 below and subject to third party intellectual property claims, the Initial Developer hereby grants You a world-wide, royalty-free, non-exclusive license:
  - (a) under intellectual property rights (other than patent or trademark) Licensable by Initial Developer, to use, reproduce, modify, display, perform, sublicense and distribute the Original Software (or portions thereof), with or without Modifications, and/or as part of a Larger Work; and
  - (b) under Patent Claims infringed by the making, using or selling of Original Software, to make, have made, use, practice, sell, and offer for sale, and/or otherwise dispose of the Original Software (or portions thereof).
  - (c) The licenses granted in Sections 2.1(a) and (b) are effective on the date Initial Developer first distributes or otherwise makes the Original Software available to a third party under the terms of this License.
  - (d) Notwithstanding Section 2.1(b) above, no patent license is granted: (1) for code that You delete from the Original Software, or (2) for infringements caused by: (i) the modification of the Original Software, or (ii) the combination of the Original Software with other software or devices.
- **2.2. Contributor Grant.**

Conditioned upon Your compliance with Section 3.1 below and subject to third party intellectual property claims, each Contributor hereby grants You a world-wide, royalty-free, non-exclusive license:

- (a) under intellectual property rights (other than patent or trademark) Licensable by Contributor to use, reproduce, modify, display, perform, sublicense and distribute the Modifications created by such Contributor (or portions thereof), either on an unmodified basis, with other Modifications, as Covered Software and/or as part of a Larger Work; and
- (b) under Patent Claims infringed by the making, using, or selling of Modifications made by that Contributor either alone and/or in combination with its Contributor Version (or portions of such combination), to make, use, sell, offer for sale, have made, and/or otherwise dispose of: (1) Modifications made by that Contributor (or portions thereof); and (2) the combination of Modifications made by that Contributor with its Contributor Version (or portions of such combination).
- (c) The licenses granted in Sections 2.2(a) and 2.2(b) are effective on the date Contributor first distributes or otherwise makes the Modifications available to a third party.
- (d) Notwithstanding Section 2.2(b) above, no patent license is granted: (1) for any code that Contributor has deleted from the Contributor Version; (2) for infringements caused by: (i) third party modifications of Contributor Version, or (ii) the combination of Modifications made by that Contributor with other software (except as part of the Contributor Version) or other devices; or (3) under Patent Claims infringed by Covered Software in the absence of Modifications made by that Contributor.

## 3. Distribution Obligations.

- **3.1. Availability of Source Code.**

Any Covered Software that You distribute or otherwise make available in Executable form must also be made available in Source Code form and that Source Code form must be distributed only under the terms of this License. You must include a copy of this License with every copy of the Source Code form of the Covered Software You distribute or otherwise make available.

You must inform recipients of any such Covered Software in Executable form as to how they can obtain such Covered Software in Source Code form in a reasonable manner on or through a medium customarily used for software exchange.

- **3.2. Modifications.**

The Modifications that You create or to which You contribute are governed by the terms of this License. You represent that You believe Your Modifications are Your original creation(s) and/or You have sufficient rights to grant the rights conveyed by this License.

- **3.3. Required Notices.**

You must include a notice in each of Your Modifications that identifies You as the Contributor of the Modification. You may not remove or alter any copyright, patent or trademark notices contained within the Covered Software, or any notices of licensing or any descriptive text giving attribution to any Contributor or the Initial Developer.

- **3.4. Application of Additional Terms.**

You may not offer or impose any terms on any Covered Software in Source Code form that alters or restricts the applicable version of this License or the recipients rights hereunder. You may choose to offer, and to charge a fee for, warranty, support, indemnity or liability obligations to one or more recipients of Covered Software. However, you may do so only on Your own behalf, and not on behalf of the Initial Developer or any Contributor. You must make it absolutely clear that any such warranty, support, indemnity or liability obligation is offered by You alone, and You hereby agree to indemnify the Initial Developer and every Contributor for any liability incurred by the Initial Developer or such Contributor as a result of warranty, support, indemnity or liability terms You offer.

- **3.5. Distribution of Executable Versions.**

You may distribute the Executable form of the Covered Software under the terms of this License or under the terms of a license of Your choice, which may contain terms different from this License, provided that You are in compliance with the terms of this License and that the license for the Executable form does not attempt to limit or alter the recipients rights in the Source Code form from the rights set forth in this License. If You distribute the Covered Software in Executable form under a different license, You must make it absolutely clear that any terms which differ from this License are offered by You alone, not by the Initial Developer or Contributor. You hereby agree to indemnify the Initial Developer and every Contributor for any liability incurred by the Initial Developer or such Contributor as a result of any such terms You offer.

- **3.6. Larger Works.**

You may create a Larger Work by combining Covered Software with other code not governed by the terms of this License and distribute the Larger Work as a single product. In such a case, You must make sure the requirements of this License are fulfilled for the Covered Software.

## **4. Versions of the License.**

- **4.1. New Versions.**

Sun Microsystems, Inc. is the initial license steward and may publish revised and/or new versions of this License from time to time. Each version will be given a distinguishing version number. Except as provided in Section 4.3, no one other than the license steward has the right to modify this License.

- **4.2. Effect of New Versions.**

You may always continue to use, distribute or otherwise make the Covered Software available under the terms of the version of the License under which You originally received the Covered Software. If the Initial Developer includes a notice in the Original Software prohibiting it from

being distributed or otherwise made available under any subsequent version of the License, You must distribute and make the Covered Software available under the terms of the version of the License under which You originally received the Covered Software. Otherwise, You may also choose to use, distribute or otherwise make the Covered Software available under the terms of any subsequent version of the License published by the license steward.

- **4.3. Modified Versions.**

When You are an Initial Developer and You want to create a new license for Your Original Software, You may create and use a modified version of this License if You: (a) rename the license and remove any references to the name of the license steward (except to note that the license differs from this License); and (b) otherwise make it clear that the license contains terms which differ from this License.

## **5. DISCLAIMER OF WARRANTY.**

COVERED SOFTWARE IS PROVIDED UNDER THIS LICENSE ON AN AS IS BASIS, WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, WITHOUT LIMITATION, WARRANTIES THAT THE COVERED SOFTWARE IS FREE OF DEFECTS, MERCHANTABLE, FIT FOR A PARTICULAR PURPOSE OR NON-INFRINGEMENT. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE COVERED SOFTWARE IS WITH YOU. SHOULD ANY COVERED SOFTWARE PROVE DEFECTIVE IN ANY RESPECT, YOU (NOT THE INITIAL DEVELOPER OR ANY OTHER CONTRIBUTOR) ASSUME THE COST OF ANY NECESSARY SERVICING, REPAIR OR CORRECTION. THIS DISCLAIMER OF WARRANTY CONSTITUTES AN ESSENTIAL PART OF THIS LICENSE. NO USE OF ANY COVERED SOFTWARE IS AUTHORIZED HEREUNDER EXCEPT UNDER THIS DISCLAIMER.

## **6. TERMINATION.**

- **6.1.** This License and the rights granted hereunder will terminate automatically if You fail to comply with terms herein and fail to cure such breach within 30 days of becoming aware of the breach. Provisions which, by their nature, must remain in effect beyond the termination of this License shall survive.
- **6.2.** If You assert a patent infringement claim (excluding declaratory judgment actions) against Initial Developer or a Contributor (the Initial Developer or Contributor against whom You assert such claim is referred to as Participant) alleging that the Participant Software (meaning the Contributor Version where the Participant is a Contributor or the Original Software where the Participant is the Initial Developer) directly or indirectly infringes any patent, then any and all rights granted directly or indirectly to You by such Participant, the Initial Developer (if the Initial Developer is not the Participant) and all Contributors under Sections 2.1 and/or 2.2 of this License shall, upon 60 days notice from Participant terminate prospectively and automatically at the expiration of such 60 day notice period, unless if within such 60 day period You withdraw Your claim with respect to the Participant Software against such Participant either unilaterally or pursuant to a written agreement with Participant.

**6.3.** In the event of termination under Sections 6.1 or 6.2 above, all end user licenses that have been validly granted by You or any distributor hereunder prior to termination (excluding licenses granted to You by any distributor) shall survive termination.

## **7. LIMITATION OF LIABILITY.**

UNDER NO CIRCUMSTANCES AND UNDER NO LEGAL THEORY, WHETHER TORT (INCLUDING NEGLIGENCE), CONTRACT, OR OTHERWISE, SHALL YOU, THE INITIAL DEVELOPER, ANY OTHER CONTRIBUTOR, OR ANY DISTRIBUTOR OF COVERED SOFTWARE, OR ANY SUPPLIER OF ANY OF SUCH PARTIES, BE LIABLE TO ANY PERSON FOR ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES OF ANY CHARACTER INCLUDING, WITHOUT LIMITATION, DAMAGES FOR LOST

PROFITS, LOSS OF GOODWILL, WORK STOPPAGE, COMPUTER FAILURE OR MALFUNCTION, OR ANY AND ALL OTHER COMMERCIAL DAMAGES OR LOSSES, EVEN IF SUCH PARTY SHALL HAVE BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. THIS LIMITATION OF LIABILITY SHALL NOT APPLY TO LIABILITY FOR DEATH OR PERSONAL INJURY RESULTING FROM SUCH PARTYS NEGLIGENCE TO THE EXTENT APPLICABLE LAW PROHIBITS SUCH LIMITATION. SOME JURISDICTIONS DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THIS EXCLUSION AND LIMITATION MAY NOT APPLY TO YOU.

#### **8. U.S. GOVERNMENT END USERS.**

The Covered Software is a commercial item, as that term is defined in 48 C.F.R. 2.101 (Oct. 1995), consisting of commercial computer software (as that term is defined at 48 C.F.R. 252.227-7014(a)(1)) and commercial computer software documentation as such terms are used in 48 C.F.R. 12.212 (Sept. 1995). Consistent with 48 C.F.R. 12.212 and 48 C.F.R. 227.7202-1 through 227.7202-4 (June 1995), all U.S. Government End Users acquire Covered Software with only those rights set forth herein. This U.S. Government Rights clause is in lieu of, and supersedes, any other FAR, DFAR, or other clause or provision that addresses Government rights in computer software under this License.

#### **9. MISCELLANEOUS.**

This License represents the complete agreement concerning subject matter hereof. If any provision of this License is held to be unenforceable, such provision shall be reformed only to the extent necessary to make it enforceable. This License shall be governed by the law of the jurisdiction specified in a notice contained within the Original Software (except to the extent applicable law, if any, provides otherwise), excluding such jurisdictions conflict-of-law provisions. Any litigation relating to this License shall be subject to the jurisdiction of the courts located in the jurisdiction and venue specified in a notice contained within the Original Software, with the losing party responsible for costs, including, without limitation, court costs and reasonable attorneys fees and expenses. The application of the United Nations Convention on Contracts for the International Sale of Goods is expressly excluded. Any law or regulation which provides that the language of a contract shall be construed against the drafter shall not apply to this License. You agree that You alone are responsible for compliance with the United States export administration regulations (and the export control laws and regulation of any other countries) when You use, distribute or otherwise make available any Covered Software.

#### **10. RESPONSIBILITY FOR CLAIMS.**

As between Initial Developer and the Contributors, each party is responsible for claims and damages arising, directly or indirectly, out of its utilization of rights under this License and You agree to work with Initial Developer and Contributors to distribute such responsibility on an equitable basis. Nothing herein is intended or shall be deemed to constitute any admission of liability.

## BSD License and JSON License

If you have downloaded a copy of the RapidJSON source code from Tencent, please note that RapidJSON source code is licensed under the MIT License, except for the third-party components listed below which are subject to different license terms. Your integration of RapidJSON into your own projects may require compliance with the MIT License, as well as the other licenses applicable to the third-party components included within RapidJSON. To avoid the problematic JSON license in your own projects, it's sufficient to exclude the bin/jsonchecker/ directory, as it's the only code under the JSON license.

Other dependencies and licenses:

Open Source Software Licensed Under the BSD License:

-----

The msinttypes r29 Copyright (c) 2006-2013 Alexander Chemeris

All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of copyright holder nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE REGENTS AND CONTRIBUTORS ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE REGENTS AND CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Open Source Software Licensed Under the JSON License:

-----

json.org

Copyright (c) 2002 JSON.org

All Rights Reserved.

JSON\_checker

Copyright (c) 2002 JSON.org

All Rights Reserved.

Terms of the JSON License:

-----  
Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

The Software shall be used for Good, not Evil.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.



# JDOM 2.0.5 License

Copyright © 2000-2012 Jason Hunter & Brett McLaughlin.

All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions, and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions, and the disclaimer that follows these conditions in the documentation and/or other materials provided with the distribution.
3. The name "JDOM" must not be used to endorse or promote products derived from this software without prior written permission. For written permission, please contact <request\_@\_jdom\_.\_org>.
4. Products derived from this software may not be called "JDOM", nor may "JDOM" appear in their name, without prior written permission from the JDOM Project Management <request\_@\_jdom\_.\_org>.

In addition, we request (but do not require) that you include in the end-user documentation provided with the redistribution and/or in the software itself an acknowledgement equivalent to the following:

"This product includes software developed by the JDOM Project (<http://www.jdom.org/>)."  
Alternatively, the acknowledgment may be graphical using the logos available at <http://www.jdom.org/images/logos>.

THIS SOFTWARE IS PROVIDED ``AS IS" AND ANY EXPRESSED OR IMPLIED WARRANTIES,

INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND

FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE JDOM

AUTHORS OR THE PROJECT CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT

LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR

PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF

LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.



This software consists of voluntary contributions made by many individuals on behalf of the JDOM Project and was originally created by Jason Hunter <jhunter\_@\_jdom\_.\_org> and Brett McLaughlin

<brett\_@\_jdom\_.\_org>. For more information on the JDOM Project, please see <<http://www.jdom.org/>>.



# Artistic License

(Required) Enter introductory text here, including the definition and purpose of the concept.

Licensed under the Artistic License (the "License"); you may not use this file except in compliance with this License.

The "Artistic License"

## Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

## Definitions:

"Package" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

"Standard Version" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

"Copyright Holder" is whoever is named in the copyright or copyrights for the package.

"You" is you, if you're thinking about copying or distributing this Package.

"Reasonable copying fee" is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

"Freely Available" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.

You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.

## Third-Party Licenses

1. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.
2. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:
  - a. place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.

- b. use the modified Package only within your corporation or organization.
- c. rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.
- d. make other distribution arrangements with the Copyright Holder.

You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:

- a. distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.
  - b. accompany the distribution with the machine-readable source of the Package with your modifications.
  - c. give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.
  - d. make other distribution arrangements with the Copyright Holder.
1. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the interpreter is so embedded.
  2. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this Package.
  3. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.
  4. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.
  5. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.
  6. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

# P

## Artistic License 2.0

Copyright (c) 2000-2006, The Perl Foundation.

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

### Preamble

This license establishes the terms under which a given free software Package may be copied, modified, distributed, and/or redistributed. The intent is that the Copyright Holder maintains some artistic control over the development of that Package while still keeping the Package available as open source and free software.

You are always permitted to make arrangements wholly outside of this license directly with the Copyright Holder of a given Package. If the terms of this license do not permit the full use that you propose to make of the Package, you should contact the Copyright Holder and seek a different licensing arrangement.

### Definitions

"Copyright Holder" means the individual(s) or organization(s) named in the copyright notice for the entire Package.

"Contributor" means any party that has contributed code or other material to the Package, in accordance with the Copyright Holder's procedures.

"You" and "your" means any person who would like to copy, distribute, or modify the Package.

"Package" means the collection of files distributed by the Copyright Holder, and derivatives of that collection and/or of those files. A given Package may consist of either the Standard Version, or a Modified Version.

"Distribute" means providing a copy of the Package or making it accessible to anyone else, or in the case of a company or organization, to others outside of your company or organization.

"Distributor Fee" means any fee that you charge for Distributing this Package or providing support for this Package to another party. It does not mean licensing fees.

"Standard Version" refers to the Package if it has not been modified, or has been modified only in ways explicitly requested by the Copyright Holder.

"Modified Version" means the Package, if it has been changed, and such changes were not explicitly requested by the Copyright Holder.

"Original License" means this Artistic License as Distributed with the Standard Version of the Package, in its current version or as it may be modified by The Perl Foundation in the future.

"Source" form means the source code, documentation source, and configuration files for the Package.

"Compiled" form means the compiled bytecode, object code, binary, or any other form resulting from mechanical transformation or translation of the Source form.

### Permission for Use and Modification Without Distribution

(1) You are permitted to use the Standard Version and create and use Modified Versions for any purpose without restriction, provided that you do not Distribute the Modified Version.

#### Permissions for Redistribution of the Standard Version

(2) You may Distribute verbatim copies of the Source form of the Standard Version of this Package in any medium without restriction, either gratis or for a Distributor Fee, provided that you duplicate all of the original copyright notices and associated disclaimers. At your discretion, such verbatim copies may or may not include a Compiled form of the Package.

(3) You may apply any bug fixes, portability changes, and other modifications made available from the Copyright Holder. The resulting Package will still be considered the Standard Version, and as such will be subject to the Original License.

#### Distribution of Modified Versions of the Package as Source

(4) You may Distribute your Modified Version as Source (either gratis or for a Distributor Fee, and with or without a Compiled form of the Modified Version) provided that you clearly document how it differs from the Standard Version, including, but not limited to, documenting any non-standard features, executables, or modules, and provided that you do at least ONE of the following:

(a) make the Modified Version available to the Copyright Holder of the Standard Version, under the Original License, so that the Copyright Holder may include your modifications in the Standard Version.

(b) ensure that installation of your Modified Version does not prevent the user installing or running the Standard Version. In addition, the Modified Version must bear a name that is different from the name of the Standard Version.

(c) allow anyone who receives a copy of the Modified Version to make the Source form of the Modified Version available to others under

(i) the Original License or

(ii) a license that permits the licensee to freely copy, modify and redistribute the Modified Version using the same licensing terms that apply to the copy that the licensee received, and requires that the Source form of the Modified Version, and of any works derived from it, be made freely available in that license fees are prohibited but Distributor Fees are allowed.

#### Distribution of Compiled Forms of the Standard Version or Modified Versions without the Source

(5) You may Distribute Compiled forms of the Standard Version without the Source, provided that you include complete instructions on how to get the Source of the Standard Version. Such instructions must be valid at the time of your distribution. If these instructions, at any time while you are carrying out such distribution, become invalid, you must provide new instructions on demand or cease further distribution. If you provide valid instructions or cease distribution within thirty days after you become aware that the instructions are invalid, then you do not forfeit any of your rights under this license.

(6) You may Distribute a Modified Version in Compiled form without the Source, provided that you comply with Section 4 with respect to the Source of the Modified Version.

#### Aggregating or Linking the Package

(7) You may aggregate the Package (either the Standard Version or Modified Version) with other packages and Distribute the resulting aggregation provided that you do not charge a licensing fee for the Package. Distributor Fees are permitted, and licensing fees for other components in the aggregation are permitted. The terms of this license apply to the use and Distribution of the Standard or Modified Versions as included in the aggregation.

(8) You are permitted to link Modified and Standard Versions with other works, to embed the Package in a larger work of your own, or to build stand-alone binary or bytecode versions of applications that include the Package, and Distribute the result without restriction, provided the result does not expose a direct interface to the Package.

#### Items That are Not Considered Part of a Modified Version

(9) Works (including, but not limited to, modules and scripts) that merely extend or make use of the Package, do not, by themselves, cause the Package to be a Modified Version. In addition, such works are not considered parts of the Package itself, and are not subject to the terms of this license.

#### General Provisions

(10) Any use, modification, and distribution of the Standard or Modified Versions is governed by this Artistic License. By using, modifying or distributing the Package, you accept this license. Do not use, modify, or distribute the Package, if you do not accept this license.

(11) If your Modified Version has been derived from a Modified Version made by someone other than you, you are nevertheless required to ensure that your Modified Version complies with the requirements of this license.

(12) This license does not grant you the right to use any trademark, service mark, tradename, or logo of the Copyright Holder.

(13) This license includes the non-exclusive, worldwide, free-of-charge patent license to make, have made, use, offer to sell, sell, import and otherwise transfer the Package with respect to any patent claims licensable by the Copyright Holder that are necessarily infringed by the Package. If you institute patent litigation (including a cross-claim or counterclaim) against any party alleging that the Package constitutes direct or contributory patent infringement, then this Artistic License to you shall terminate on the date that such litigation is filed.

(14) Disclaimer of Warranty: THE PACKAGE IS PROVIDED BY THE COPYRIGHT HOLDER AND CONTRIBUTORS "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES. THE IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR NON-INFRINGEMENT ARE DISCLAIMED TO THE EXTENT PERMITTED BY YOUR LOCAL LAW. UNLESS REQUIRED BY LAW, NO COPYRIGHT HOLDER OR CONTRIBUTOR WILL BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGES ARISING IN ANY WAY OUT OF THE USE OF THE PACKAGE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.



# The bzip2 License

(Required) Enter introductory text here, including the definition and purpose of the concept.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. The origin of this software must not be misrepresented; you must not claim that you wrote the original software. If you use this software in a product, an acknowledgment in the product documentation would be appreciated but is not required.
3. Altered source versions must be plainly marked as such, and must not be misrepresented as being the original software.
4. The name of the author may not be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE AUTHOR ``AS IS AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.



# The Common Public License version 1.0

(Required) Enter introductory text here, including the definition and purpose of the concept.

THE ACCOMPANYING PROGRAM IS PROVIDED UNDER THE TERMS OF THIS COMMON PUBLIC

LICENSE ("AGREEMENT"). ANY USE, REPRODUCTION OR DISTRIBUTION OF THE PROGRAM

CONSTITUTES RECIPIENT'S ACCEPTANCE OF THIS AGREEMENT.

## DEFINITIONS

"Contribution" means:

a) in the case of the initial Contributor, the initial code and documentation distributed under this Agreement, and b) in the case of each subsequent

Contributor:

i) changes to the Program, and

ii) additions to the Program;

where such changes and/or additions to the Program originate from and are distributed by that particular Contributor. A Contribution 'originates' from a Contributor if it was added to the Program by such Contributor itself or anyone acting on such Contributor's behalf. Contributions do not include additions to the Program which: (i) are separate modules of software distributed in conjunction with the Program under their own license agreement, and (ii) are not derivative works of the Program.

"Contributor" means any person or entity that distributes the Program.

"Licensed Patents " mean patent claims licensable by a Contributor which are necessarily infringed by the use or sale of its Contribution alone or when combined with the Program.

"Program" means the Contributions distributed in accordance with this Agreement.

"Recipient" means anyone who receives the Program under this Agreement, including all Contributors.

## GRANT OF RIGHTS

a) Subject to the terms of this Agreement, each Contributor hereby grants Recipient a non-exclusive, worldwide, royalty-free copyright license to reproduce, prepare derivative works of, publicly display, publicly perform, distribute and sublicense the Contribution of such Contributor, if any, and such derivative works, in source code and object code form.

b) Subject to the terms of this Agreement, each Contributor hereby grants Recipient a non-exclusive, worldwide, royalty-free patent license under Licensed Patents to make, use, sell, offer to sell, import and otherwise transfer the Contribution of such Contributor, if any, in source code and object code form. This patent license shall apply to the combination of the Contribution and the Program if, at the time the Contribution is added by the Contributor, such addition of the Contribution causes such combination to be covered by the Licensed Patents.



The patent license shall not apply to any other combinations which include the Contribution. No hardware per se is licensed hereunder.

c) Recipient understands that although each Contributor grants the licenses to its Contributions set forth herein, no assurances are provided by any Contributor that the Program does not infringe the patent or other intellectual property rights of any other entity. Each Contributor disclaims any liability to Recipient for claims brought by any other entity based on infringement of intellectual property rights or otherwise. As a condition to exercising the rights and licenses granted hereunder, each Recipient hereby assumes sole responsibility to secure any other intellectual property rights needed, if any.

For example, if a third party patent license is required to allow Recipient to distribute the Program, it is Recipient's responsibility to acquire that license before distributing the Program.

d) Each Contributor represents that to its knowledge it has sufficient copyright rights in its Contribution, if any, to grant the copyright license set forth in this Agreement.

## REQUIREMENTS

A Contributor may choose to distribute the Program in object code form under its own license agreement, provided that:

- a) it complies with the terms and conditions of this Agreement; and
- b) its license agreement:
  - i) effectively disclaims on behalf of all Contributors all warranties and conditions, express and implied, including warranties or conditions of title and non-infringement, and implied warranties or conditions of merchantability and fitness for a particular purpose;
  - ii) effectively excludes on behalf of all Contributors all liability for damages, including direct, indirect, special, incidental and consequential damages, such as lost profits;
  - iii) states that any provisions which differ from this Agreement are offered by that Contributor alone and not by any other party; and
  - iv) states that source code for the Program is available from such Contributor, and informs licensees how to obtain it in a reasonable manner on or through a medium customarily used for software exchange.

When the Program is made available in source code form:

- a) it must be made available under this Agreement; and
- b) a copy of this Agreement must be included with each copy of the Program.

Contributors may not remove or alter any copyright notices contained within the Program.

Each Contributor must identify itself as the originator of its Contribution, if any, in a manner that reasonably allows subsequent Recipients to identify the originator of the Contribution.

## COMMERCIAL DISTRIBUTION

Commercial distributors of software may accept certain responsibilities with respect to end users, business partners and the like. While this license is intended to facilitate the commercial use of the Program, the Contributor who includes the Program in a commercial product offering should do so in a manner which does not create potential liability for other Contributors. Therefore, if a Contributor includes the Program in a commercial product offering, such Contributor ("Commercial Contributor") hereby agrees to defend and indemnify every other Contributor ("Indemnified Contributor") against any losses, damages and costs (collectively

"Losses") arising from claims, lawsuits and other legal actions brought by a third party against the Indemnified Contributor to the extent caused by the acts or omissions of such Commercial Contributor in connection with its distribution of the Program in a commercial product offering. The obligations in this section do not apply to any claims or Losses relating to any actual or alleged intellectual property infringement. In order to qualify, an Indemnified Contributor must: a) promptly notify the Commercial Contributor in writing of such claim, and b) allow the Commercial Contributor to control, and cooperate with the Commercial Contributor in, the defense and any related settlement negotiations. The Indemnified Contributor may participate in any such claim at its own expense.

For example, a Contributor might include the Program in a commercial product offering, Product X. That Contributor is then a Commercial Contributor. If that Commercial Contributor then makes performance claims, or offers warranties related to Product X, those performance claims and warranties are such

Commercial Contributor's responsibility alone. Under this section, the Commercial Contributor would have to defend claims against the other Contributors related to those performance claims and warranties, and if a court requires any other Contributor to pay any damages as a result, the Commercial

Contributor must pay those damages.

#### NO WARRANTY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, THE PROGRAM IS PROVIDED ON AN

"AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, EITHER EXPRESS OR

IMPLIED INCLUDING, WITHOUT LIMITATION, ANY WARRANTIES OR CONDITIONS OF TITLE,

NON-INFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Each

Recipient is solely responsible for determining the appropriateness of using and distributing the Program and assumes all risks associated with its exercise of rights under this Agreement, including but not limited to the risks and costs of program errors, compliance with applicable laws, damage to or loss of data, programs or equipment, and unavailability or interruption of operations.

#### DISCLAIMER OF LIABILITY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, NEITHER RECIPIENT NOR ANY

CONTRIBUTORS SHALL HAVE ANY LIABILITY FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING WITHOUT LIMITATION LOST

PROFITS), HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT,

STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY

OUT OF THE USE OR DISTRIBUTION OF THE PROGRAM OR THE EXERCISE OF ANY RIGHTS

GRANTED HEREUNDER, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

## GENERAL

If any provision of this Agreement is invalid or unenforceable under applicable law, it shall not affect the validity or enforceability of the remainder of the terms of this Agreement, and without further action by the parties hereto, such provision shall be reformed to the minimum extent necessary to make such provision valid and enforceable.

If Recipient institutes patent litigation against a Contributor with respect to a patent applicable to software (including a cross-claim or counterclaim in a lawsuit), then any patent licenses granted by that Contributor to such Recipient under this Agreement shall terminate as of the date such litigation is filed. In addition, if Recipient institutes patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Program itself (excluding combinations of the Program with other software or hardware) infringes such Recipient's patent(s), then such Recipient's rights granted under Section 2(b) shall terminate as of the date such litigation is filed.

All Recipient's rights under this Agreement shall terminate if it fails to comply with any of the material terms or conditions of this Agreement and does not cure such failure in a reasonable period of time after becoming aware of such noncompliance. If all Recipient's rights under this Agreement terminate, Recipient agrees to cease use and distribution of the Program as soon as reasonably practicable. However, Recipient's obligations under this Agreement and any licenses granted by Recipient relating to the Program shall continue and survive.

Everyone is permitted to copy and distribute copies of this Agreement, but in order to avoid inconsistency the Agreement is copyrighted and may only be modified in the following manner. The Agreement Steward reserves the right to publish new versions (including revisions) of this Agreement from time to time.

No one other than the Agreement Steward has the right to modify this Agreement.

IBM is the initial Agreement Steward. IBM may assign the responsibility to serve as the Agreement Steward to a suitable separate entity. Each new version of the Agreement will be given a distinguishing version number. The Program (including Contributions) may always be distributed subject to the version of the Agreement under which it was received. In addition, after a new version of the Agreement is published, Contributor may elect to distribute the Program (including its Contributions) under the new version. Except as expressly stated in Sections 2(a) and 2(b) above, Recipient receives no rights or licenses to the intellectual property of any Contributor under this Agreement, whether expressly, by implication, estoppel or otherwise. All rights in the Program not expressly granted under this Agreement are reserved.

This Agreement is governed by the laws of the State of New York and the intellectual property laws of the United States of America. No party to this Agreement will bring a legal action under this Agreement more than one year after the cause of action arose. Each party waives its rights to a jury trial in any resulting litigation.

# S

## Mozilla Public License (MPL), Version 2.0

Mozilla Public License, version 2.0

### Definitions

#### 1. Contributor

means each individual or legal entity that creates, contributes to the creation of, or owns Covered Software.

#### 2. Contributor Version

means the combination of the Contributions of others (if any) used by a Contributor and that particular Contributor<sup>TM</sup>s Contribution.

#### 3. Contribution

means Covered Software of a particular Contributor.

#### 4. Covered Software

means Source Code Form to which the initial Contributor has attached the notice in Exhibit A, the Executable Form of such Source Code Form, and Modifications of such Source Code Form, in each case including portions thereof.

#### 5. Incompatible With Secondary Licenses

means

a. that the initial Contributor has attached the notice described in Exhibit B to the Covered Software; or

b. that the Covered Software was made available under the terms of version 1.1 or earlier of the License, but not also under the terms of a Secondary License.

#### 6. Executable Form

means any form of the work other than Source Code Form.

#### 7. Larger Work

means a work that combines Covered Software with other material, in a separate file or files, that is not Covered Software.

#### 8. License

means this document.

#### 9. Licensable

means having the right to grant, to the maximum extent possible, whether at the time of the initial grant or subsequently, any and all of the rights conveyed by this License.

#### 10. Modifications

means any of the following:

a. any file in Source Code Form that results from an addition to, deletion from, or modification of the contents of Covered Software; or

b. any new file in Source Code Form that contains any Covered Software.

#### 11. Patent Claims of a Contributor

means any patent claim(s), including without limitation, method, process, and apparatus claims, in any patent Licensable by such Contributor that would be infringed, but for the grant of the License, by the making, using, selling, offering for sale, having made, import, or transfer of either its Contributions or its Contributor Version.

#### 12. Secondary License

means either the GNU General Public License, Version 2.0, the GNU Lesser General Public License, Version 2.1, the GNU Affero General Public License, Version 3.0, or any later versions of those licenses.

#### 13. Source Code Form

means the form of the work preferred for making modifications.

#### 14. You (or Your)

means an individual or a legal entity exercising rights under this License. For legal entities, You includes any entity that controls, is controlled by, or is under common control with You. For purposes of this definition, control means (a) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (b) ownership of more than fifty percent (50%) of the outstanding shares or beneficial ownership of such entity.

### License Grants and Conditions

#### 1. Grants

Each Contributor hereby grants You a world-wide, royalty-free, non-exclusive license:

a. under intellectual property rights (other than patent or trademark) Licensable by such Contributor to use, reproduce, make available, modify, display, perform, distribute, and otherwise exploit its Contributions, either on an unmodified basis, with Modifications, or as part of a Larger Work; and

b. under Patent Claims of such Contributor to make, use, sell, offer for sale, have made, import, and otherwise transfer either its Contributions or its Contributor Version.

#### 2. Effective Date

The licenses granted in Section 2.1 with respect to any Contribution become effective for each Contribution on the date the Contributor first distributes such Contribution.

#### 3. Limitations on Grant Scope

The licenses granted in this Section 2 are the only rights granted under this License. No additional rights or licenses will be implied from the distribution or licensing of Covered Software under this License. Notwithstanding Section 2.1(b) above, no patent license is granted by a Contributor:

a. for any code that a Contributor has removed from Covered Software; or

b. for infringements caused by: (i) Your and any other third party<sup>TM</sup>'s modifications of Covered Software, or (ii) the combination of its Contributions with other software (except as part of its Contributor Version); or

c. under Patent Claims infringed by Covered Software in the absence of its Contributions.

This License does not grant any rights in the trademarks, service marks, or logos of any Contributor (except as may be necessary to comply with the notice requirements in Section 3.4).

#### 4. Subsequent Licenses

No Contributor makes additional grants as a result of Your choice to distribute the Covered Software under a subsequent version of this License (see Section 10.2) or under the terms of a Secondary License (if permitted under the terms of Section 3.3).

#### 5. Representation

Each Contributor represents that the Contributor believes its Contributions are its original creation(s) or it has sufficient rights to grant the rights to its Contributions conveyed by this License.

#### 6. Fair Use

This License is not intended to limit any rights You have under applicable copyright doctrines of fair use, fair dealing, or other equivalents.

#### 7. Conditions

Sections 3.1, 3.2, 3.3, and 3.4 are conditions of the licenses granted in Section 2.1.

#### Responsibilities

##### 1. Distribution of Source Form

All distribution of Covered Software in Source Code Form, including any Modifications that You create or to which You contribute, must be under the terms of this License. You must inform recipients that the Source Code Form of the Covered Software is governed by the terms of this License, and how they can obtain a copy of this License. You may not attempt to alter or restrict the recipients<sup>™</sup> rights in the Source Code Form.

##### 2. Distribution of Executable Form

If You distribute Covered Software in Executable Form then:

- a. such Covered Software must also be made available in Source Code Form, as described in Section 3.1, and You must inform recipients of the Executable Form how they can obtain a copy of such Source Code Form by reasonable means in a timely manner, at a charge no more than the cost of distribution to the recipient; and
- b. You may distribute such Executable Form under the terms of this License, or sublicense it under different terms, provided that the license for the Executable Form does not attempt to limit or alter the recipients<sup>™</sup> rights in the Source Code Form under this License.

##### 3. Distribution of a Larger Work

You may create and distribute a Larger Work under terms of Your choice, provided that You also comply with the requirements of this License for the Covered Software. If the Larger Work is a combination of Covered Software with a work governed by one or more Secondary Licenses, and the Covered Software is not Incompatible With Secondary Licenses, this License permits You to additionally distribute such Covered Software under the terms of such Secondary License(s), so that the recipient of the Larger Work may, at their option, further distribute the Covered Software under the terms of either this License or such Secondary License(s).

##### 4. Notices

You may not remove or alter the substance of any license notices (including copyright notices, patent notices, disclaimers of warranty, or limitations of liability) contained within the Source Code Form of the Covered Software, except that You may alter any license notices to the extent required to remedy known factual inaccuracies.

## 5. Application of Additional Terms

You may choose to offer, and to charge a fee for, warranty, support, indemnity or liability obligations to one or more recipients of Covered Software. However, You may do so only on Your own behalf, and not on behalf of any Contributor. You must make it absolutely clear that any such warranty, support, indemnity, or liability obligation is offered by You alone, and You hereby agree to indemnify every Contributor for any liability incurred by such Contributor as a result of warranty, support, indemnity or liability terms You offer. You may include additional disclaimers of warranty and limitations of liability specific to any jurisdiction.

### Inability to Comply Due to Statute or Regulation

If it is impossible for You to comply with any of the terms of this License with respect to some or all of the Covered Software due to statute, judicial order, or regulation then You must: (a) comply with the terms of this License to the maximum extent possible; and (b) describe the limitations and the code they affect. Such description must be placed in a text file included with all distributions of the Covered Software under this License. Except to the extent prohibited by statute or regulation, such description must be sufficiently detailed for a recipient of ordinary skill to be able to understand it.

### Termination

1. The rights granted under this License will terminate automatically if You fail to comply with any of its terms. However, if You become compliant, then the rights granted under this License from a particular Contributor are reinstated (a) provisionally, unless and until such Contributor explicitly and finally terminates Your grants, and (b) on an ongoing basis, if such Contributor fails to notify You of the non-compliance by some reasonable means prior to 60 days after You have come back into compliance. Moreover, Your grants from a particular Contributor are reinstated on an ongoing basis if such Contributor notifies You of the non-compliance by some reasonable means, this is the first time You have received notice of non-compliance with this License from such Contributor, and You become compliant prior to 30 days after Your receipt of the notice.
2. If You initiate litigation against any entity by asserting a patent infringement claim (excluding declaratory judgment actions, counter-claims, and cross-claims) alleging that a Contributor Version directly or indirectly infringes any patent, then the rights granted to You by any and all Contributors for the Covered Software under Section 2.1 of this License shall terminate.
3. In the event of termination under Sections 5.1 or 5.2 above, all end user license agreements (excluding distributors and resellers) which have been validly granted by You or Your distributors under this License prior to termination shall survive termination.

**Disclaimer of Warranty**

Covered Software is provided under this License on an as is basis, without warranty of any kind, either expressed, implied, or statutory, including, without limitation, warranties that the Covered Software is free of defects, merchantable, fit for a particular purpose or non-infringing. The entire risk as to the quality and performance of the Covered Software is with You. Should any Covered Software prove defective in any respect, You (not any Contributor) assume the cost of any necessary servicing, repair, or correction. This disclaimer of warranty constitutes an essential part of this License. No use of any Covered Software is authorized under this License except under this disclaimer.

### Limitation of Liability



Under no circumstances and under no legal theory, whether tort (including negligence), contract, or otherwise, shall any Contributor, or anyone who distributes Covered Software as permitted above, be liable to You for any direct, indirect, special, incidental, or consequential damages of any character including, without limitation, damages for lost profits, loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses, even if such party shall have been informed of the possibility of such damages. This limitation of liability shall not apply to liability for death or personal injury resulting from such party's negligence to the extent applicable law prohibits such limitation. Some jurisdictions do not allow the exclusion or limitation of incidental or consequential damages, so this exclusion and limitation may not apply to You.

### Litigation

Any litigation relating to this License may be brought only in the courts of a jurisdiction where the defendant maintains its principal place of business and such litigation shall be governed by laws of that jurisdiction, without reference to its conflict-of-law provisions. Nothing in this Section shall prevent a party's ability to bring cross-claims or counter-claims.

### Miscellaneous

This License represents the complete agreement concerning the subject matter hereof. If any provision of this License is held to be unenforceable, such provision shall be reformed only to the extent necessary to make it enforceable. Any law or regulation which provides that the language of a contract shall be construed against the drafter shall not be used to construe this License against a Contributor.

### Versions of the License

#### 1. New Versions

Mozilla Foundation is the license steward. Except as provided in Section 10.3, no one other than the license steward has the right to modify or publish new versions of this License. Each version will be given a distinguishing version number.

#### 2. Effect of New Versions

You may distribute the Covered Software under the terms of the version of the License under which You originally received the Covered Software, or under the terms of any subsequent version published by the license steward.

#### 3. Modified Versions

If you create software not governed by this License, and you want to create a new license for such software, you may create and use a modified version of this License if you rename the license and remove any references to the name of the license steward (except to note that such modified license differs from this License).

4. Distributing Source Code Form that is Incompatible With Secondary Licenses If You choose to distribute Source Code Form that is Incompatible With Secondary Licenses under the terms of this version of the License, the notice described in Exhibit B of this License must be attached.

### Exhibit A - Source Code Form License Notice

This Source Code Form is subject to the terms of the Mozilla Public License, v.2.0. If a copy of the MPL was not distributed with this file, You can obtain one at <http://mozilla.org/MPL/2.0/>.

If it is not possible or desirable to put the notice in a particular file, then You may include the notice in a location (such as a LICENSE file in a relevant directory) where a recipient would be likely to look for such a notice.



You may add additional accurate notices of copyright ownership.

**Exhibit B - Incompatible With Secondary Licenses Notice**

This Source Code Form is Incompatible with Secondary Licenses, as defined by the Mozilla Public License, v. 2.0.

# T

## GNU Lesser General Public License, Version 2.1 (LGPL-2.1)

GNU LESSER GENERAL PUBLIC LICENSE

Version 2.1, February 1999

Copyright (C) 1991, 1999 Free Software Foundation, Inc.

51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

[This is the first released version of the Lesser GPL. It also counts as the successor of the GNU Library Public License, version 2, hence the version number 2.1.]

### Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public Licenses are intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users.

This license, the Lesser General Public License, applies to some specially designated software packages--typically libraries--of the Free Software Foundation and other authors who decide to use it. You can use it too, but we suggest you first think carefully about whether this license or the ordinary General Public License is the better strategy to use in any particular case, based on the explanations below.

When we speak of free software, we are referring to freedom of use, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish); that you receive source code or can get it if you want it; that you can change the software and use pieces of it in new free programs; and that you are informed that you can do these things.

To protect your rights, we need to make restrictions that forbid distributors to deny you these rights or to ask you to surrender these rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library or if you modify it.

For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link other code with the library, you must provide complete object files to the recipients, so that they can relink them with the library after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives you legal permission to copy, distribute and/or modify the library.

To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others.

Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

## GNU LESSER GENERAL PUBLIC LICENSE

### TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

This License Agreement applies to any software library or other program which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of

this Lesser General Public License (also called "this License"). Each licensee is addressed as "you".

A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative

work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) The modified work must itself be a software library.
- b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.
- c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.
- d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

- a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)
- b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.
- c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.
- d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.
- e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

- a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.
  - b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.
1. You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense, link with, or distribute the Library is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this

License will not have their licenses terminated so long as such parties remain in full compliance.

2. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Library or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Library (or any work based on the Library), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Library or works based on it.
3. Each time you redistribute the Library (or any work based on the Library), the recipient automatically receives a license from the original licensor to copy, distribute, link with or modify the Library subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties with this License.
4. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Library at all. For example, if a patent license would not permit royalty-free redistribution of the Library by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Library.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

1. If the distribution and/or use of the Library is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Library under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.
2. The Free Software Foundation may publish revised and/or new versions of the Lesser General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Library specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Library does not specify a license version number, you may choose any version ever published by the Free Software Foundation.

If you wish to incorporate parts of the Library into other free programs whose distribution conditions are incompatible with these, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation;



we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

#### NO WARRANTY

1. BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE LIBRARY "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE LIBRARY IS WITH YOU. SHOULD THE LIBRARY PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.
2. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE LIBRARY AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

#### END OF TERMS AND CONDITIONS

##### How to Apply These Terms to Your New Libraries

If you develop a new library, and you want it to be of the greatest possible use to the public, we recommend making it free software that everyone can redistribute and change. You can do so by permitting redistribution under these terms (or, alternatively, under the terms of the ordinary General Public License).

To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the library's name and a brief idea of what it does.>

Copyright (C) <year> <name of author>

This library is free software; you can redistribute it and/or modify it under the terms of the GNU Lesser General Public License as published by the Free Software Foundation; either version 2.1 of the License, or (at your option) any later version.

This library is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU Lesser General Public License for more details.

You should have received a copy of the GNU Lesser General Public License along with this library; if not, write to the Free Software Foundation, Inc., 51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the library, if necessary. Here is a sample; alter the names:



Yoyodyne, Inc., hereby disclaims all copyright interest in the library `Frob' (a library for tweaking knobs) written by James Random Hacker.

<signature of Ty Coon>, 1 April 1990

Ty Coon, President of Vice

# Creative Commons Attribution License, Attribution 2.5

CREATIVE COMMONS CORPORATION IS NOT A LAW FIRM AND DOES NOT PROVIDE LEGAL SERVICES. DISTRIBUTION OF THIS LICENSE DOES NOT CREATE AN ATTORNEY-CLIENT RELATIONSHIP. CREATIVE COMMONS PROVIDES THIS INFORMATION ON AN "AS-IS" BASIS. CREATIVE COMMONS MAKES NO WARRANTIES REGARDING THE INFORMATION PROVIDED, AND DISCLAIMS LIABILITY FOR DAMAGES RESULTING FROM ITS USE.

## License

THE WORK (AS DEFINED BELOW) IS PROVIDED UNDER THE TERMS OF THIS CREATIVE COMMONS PUBLIC LICENSE ("CCPL" OR "LICENSE"). THE WORK IS PROTECTED BY COPYRIGHT AND/OR OTHER APPLICABLE LAW. ANY USE OF THE WORK OTHER THAN AS AUTHORIZED UNDER THIS LICENSE OR COPYRIGHT LAW IS PROHIBITED.

BY EXERCISING ANY RIGHTS TO THE WORK PROVIDED HERE, YOU ACCEPT AND AGREE TO BE BOUND BY THE TERMS OF THIS LICENSE. THE LICENSOR GRANTS YOU THE RIGHTS CONTAINED HERE IN CONSIDERATION OF YOUR ACCEPTANCE OF SUCH TERMS AND CONDITIONS.

### 1. Definitions

"Collective Work" means a work, such as a periodical issue, anthology or encyclopedia, in which the Work in its entirety in unmodified form, along with a number of other contributions, constituting separate and independent works in themselves, are assembled into a collective whole. A work that constitutes a Collective Work will not be considered a Derivative Work (as defined below) for the purposes of this License.

"Derivative Work" means a work based upon the Work or upon the Work and other pre-existing works, such as a translation, musical arrangement, dramatization, fictionalization, motion picture version, sound recording, art reproduction, abridgment, condensation, or any other form in which the Work may be recast, transformed, or adapted, except that a work that constitutes a Collective Work will not be considered a Derivative Work for the purpose of this License. For the avoidance of doubt, where the Work is a musical composition or sound recording, the synchronization of the Work in timed-relation with a moving image ("synching") will be considered a Derivative Work for the purpose of this License.

"Licensor" means the individual or entity that offers the Work under the terms of this License.

"Original Author" means the individual or entity who created the Work.

"Work" means the copyrightable work of authorship offered under the terms of this License.

"You" means an individual or entity exercising rights under this License who has not previously violated the terms of this License with respect to the Work, or who has received express permission from the Licensor to exercise rights under this License despite a previous violation.

2. Fair Use Rights. Nothing in this license is intended to reduce, limit, or restrict any rights arising from fair use, first sale or other limitations on the exclusive rights of the copyright owner under copyright law or other applicable laws.

3. License Grant. Subject to the terms and conditions of this License, Licensor hereby grants You a worldwide, royalty-free, non-exclusive, perpetual (for the duration of the applicable copyright) license to exercise the rights in the Work as stated below:

to reproduce the Work, to incorporate the Work into one or more Collective Works, and to reproduce the Work as incorporated in the Collective Works;

to create and reproduce Derivative Works;

to distribute copies or phonorecords of, display publicly, perform publicly, and perform publicly by means of a digital audio transmission the Work including as incorporated in Collective Works;

to distribute copies or phonorecords of, display publicly, perform publicly, and perform publicly by means of a digital audio transmission Derivative Works.

For the avoidance of doubt, where the work is a musical composition:

Performance Royalties Under Blanket Licenses. Licensor waives the exclusive right to collect, whether individually or via a performance rights society (e.g. ASCAP, BMI, SESAC), royalties for the public performance or public digital performance (e.g. webcast) of the Work.

Mechanical Rights and Statutory Royalties. Licensor waives the exclusive right to collect, whether individually or via a music rights agency or designated agent (e.g. Harry Fox Agency), royalties for any phonorecord You create from the Work ("cover version") and distribute, subject to the compulsory license created by 17 USC Section 115 of the US Copyright Act (or the equivalent in other jurisdictions).

Webcasting Rights and Statutory Royalties. For the avoidance of doubt, where the Work is a sound recording, Licensor waives the exclusive right to collect, whether individually or via a performance-rights society (e.g. SoundExchange), royalties for the public digital performance (e.g. webcast) of the Work, subject to the compulsory license created by 17 USC Section 114 of the US Copyright Act (or the equivalent in other jurisdictions).

The above rights may be exercised in all media and formats whether now known or hereafter devised. The above rights include the right to make such modifications as are technically necessary to exercise the rights in other media and formats. All rights not expressly granted by Licensor are hereby reserved.

4. Restrictions. The license granted in Section 3 above is expressly made subject to and limited by the following restrictions:

You may distribute, publicly display, publicly perform, or publicly digitally perform the Work only under the terms of this License, and You must include a copy of, or the Uniform Resource Identifier for, this License with every copy or phonorecord of the Work You distribute, publicly display, publicly perform, or publicly digitally perform. You may not offer or impose any terms on the Work that alter or restrict the terms of this License or the recipients' exercise of the rights granted hereunder. You may not sublicense the Work. You must keep intact all notices that refer to this License and to the disclaimer of warranties. You may not distribute, publicly display, publicly perform, or publicly digitally perform the Work with any technological measures that control access or use of the Work in a manner inconsistent with the terms of this License Agreement. The above applies to the Work as incorporated in a Collective Work, but this does not require the Collective Work apart from the Work itself to be made subject to the terms of this License. If You create a Collective Work, upon notice from any Licensor You must, to the extent practicable, remove from the Collective Work any credit as required by clause 4(b), as requested. If You create a Derivative Work, upon notice from any Licensor You must, to the extent practicable, remove from the Derivative Work any credit as required by clause 4(b), as requested.

If you distribute, publicly display, publicly perform, or publicly digitally perform the Work or any Derivative Works or Collective Works, You must keep intact all copyright notices for the Work and provide, reasonable to the medium or means You are utilizing: (i) the name of the Original Author (or pseudonym, if applicable) if supplied, and/or (ii) if the Original Author and/or Licensor designate another party or parties (e.g. a sponsor institute, publishing entity, journal) for attribution in Licensor's copyright notice, terms of service or by other reasonable means, the name of such party or parties; the title of the Work if supplied; to the extent reasonably practicable, the Uniform Resource Identifier, if any, that Licensor specifies to be associated with the Work, unless such URI does not refer to the copyright notice or licensing information for the Work; and in the case of a Derivative Work, a credit identifying the use of the Work in the Derivative Work (e.g., "French translation of the Work by Original Author," or "Screenplay based on original Work by Original Author"). Such credit may be implemented in any reasonable manner; provided, however, that in the case of a Derivative Work or Collective Work, at a minimum such credit will appear where any other comparable authorship credit appears and in a manner at least as prominent as such other comparable authorship credit.

#### 5.Representations, Warranties and Disclaimer

UNLESS OTHERWISE MUTUALLY AGREED TO BY THE PARTIES IN WRITING, LICENSOR OFFERS THE WORK AS-IS AND MAKES NO REPRESENTATIONS OR WARRANTIES OF ANY KIND CONCERNING THE WORK, EXPRESS, IMPLIED, STATUTORY OR OTHERWISE, INCLUDING, WITHOUT LIMITATION, WARRANTIES OF TITLE, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, NONINFRINGEMENT, OR THE ABSENCE OF LATENT OR OTHER DEFECTS, ACCURACY, OR THE PRESENCE OF ABSENCE OF ERRORS, WHETHER OR NOT DISCOVERABLE. SOME JURISDICTIONS DO NOT ALLOW THE EXCLUSION OF IMPLIED WARRANTIES, SO SUCH EXCLUSION MAY NOT APPLY TO YOU.

6.Limitation on Liability. EXCEPT TO THE EXTENT REQUIRED BY APPLICABLE LAW, IN NO EVENT WILL LICENSOR BE LIABLE TO YOU ON ANY LEGAL THEORY FOR ANY SPECIAL, INCIDENTAL, CONSEQUENTIAL, PUNITIVE OR EXEMPLARY DAMAGES ARISING OUT OF THIS LICENSE OR THE USE OF THE WORK, EVEN IF LICENSOR HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

#### 7.Termination

This License and the rights granted hereunder will terminate automatically upon any breach by You of the terms of this License. Individuals or entities who have received Derivative Works or Collective Works from You under this License, however, will not have their licenses terminated provided such individuals or entities remain in full compliance with those licenses. Sections 1, 2, 5, 6, 7, and 8 will survive any termination of this License.

Subject to the above terms and conditions, the license granted here is perpetual (for the duration of the applicable copyright in the Work). Notwithstanding the above, Licensor reserves the right to release the Work under different license terms or to stop distributing the Work at any time; provided, however that any such election will not serve to withdraw this License (or any other license that has been, or is required to be, granted under the terms of this License), and this License will continue in full force and effect unless terminated as stated above.

#### 8.Miscellaneous

Each time You distribute or publicly digitally perform the Work or a Collective Work, the Licensor offers to the recipient a license to the Work on the same terms and conditions as the license granted to You under this License.

Each time You distribute or publicly digitally perform a Derivative Work, Licensor offers to the recipient a license to the original Work on the same terms and conditions as the license granted to You under this License.

If any provision of this License is invalid or unenforceable under applicable law, it shall not affect the validity or enforceability of the remainder of the terms of this License, and without further action by the parties to this agreement, such provision shall be reformed to the minimum extent necessary to make such provision valid and enforceable.

No term or provision of this License shall be deemed waived and no breach consented to unless such waiver or consent shall be in writing and signed by the party to be charged with such waiver or consent.

This License constitutes the entire agreement between the parties with respect to the Work licensed here. There are no understandings, agreements or representations with respect to the Work not specified here. Licensor shall not be bound by any additional provisions that may appear in any communication from You. This License may not be modified without the mutual written agreement of the Licensor and You.

Creative Commons is not a party to this License, and makes no warranty whatsoever in connection with the Work. Creative Commons will not be liable to You or any party on any legal theory for any damages whatsoever, including without limitation any general, special, incidental or consequential damages arising in connection to this license. Notwithstanding the foregoing two (2) sentences, if Creative Commons has expressly identified itself as the Licensor hereunder, it shall have all rights and obligations of Licensor.

Except for the limited purpose of indicating to the public that the Work is licensed under the CCPL, neither party will use the trademark "Creative Commons" or any related trademark or logo of Creative Commons without the prior written consent of Creative Commons. Any permitted use will be in compliance with Creative Commons' then-current trademark usage guidelines, as may be published on its website or otherwise made available upon request from time to time.

Creative Commons may be contacted at <https://creativecommons.org/>.



# Node.js License

(Required) Enter introductory text here, including the definition and purpose of the concept.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

This license applies to parts of Node.js originating from the <https://github.com/joyent/node> repository:

Copyright Joyent, Inc. and other Node contributors. All rights reserved. Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

The Node.js license applies to all parts of Node.js that are not externally maintained libraries. The externally maintained libraries used by Node.js are:

- Acorn, located at `deps/acorn`, is licensed as follows:

Copyright (C) 2012-2018 by various contributors (see AUTHORS)

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

- c-ares, located at deps/cares, is licensed as follows:

Copyright (c) 2007 - 2016, Daniel Stenberg with many contributors, see AUTHORS file.  
Copyright 1998 by the Massachusetts Institute of Technology.

Permission to use, copy, modify, and distribute this software and its documentation for any purpose and without fee is hereby granted, provided that the above copyright notice appear in all copies and that both that copyright notice and this permission notice appear in supporting documentation, and that the name of M.I.T. not be used in advertising or publicity pertaining to distribution of the software without specific, written prior permission. M.I.T. makes no representations about the suitability of this software for any purpose. It is provided "as is" without express or implied warranty.

- HTTP Parser, located at deps/http\_parser, is licensed as follows:

Copyright Joyent, Inc. and other Node contributors.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

- ICU, located at deps/icu-small, is licensed as follows:

COPYRIGHT AND PERMISSION NOTICE (ICU 58 and later)

Copyright © 1991-2018 Unicode, Inc. All rights reserved. Distributed under the Terms of Use in <http://www.unicode.org/copyright.html>.

Permission is hereby granted, free of charge, to any person obtaining a copy of the Unicode data files and any associated documentation (the "Data Files") or Unicode software and any associated documentation (the "Software") to deal in the Data Files or Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, and/or sell copies of the Data Files or Software, and to permit persons to whom the Data Files or Software are furnished to do so, provided that either (a) this copyright and permission notice appear with all copies of the Data Files or Software, or (b) this copyright and permission notice appear in associated Documentation.



THE DATA FILES AND SOFTWARE ARE PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT OF THIRD PARTY RIGHTS. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR HOLDERS INCLUDED IN THIS NOTICE BE LIABLE FOR ANY CLAIM, OR ANY SPECIAL INDIRECT OR CONSEQUENTIAL DAMAGES, OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THE DATA FILES OR SOFTWARE.

Except as contained in this notice, the name of a copyright holder shall not be used in advertising or otherwise to promote the sale, use or other dealings in these Data Files or Software without prior written authorization of the copyright holder.

### Third-Party Software Licenses

This section contains third-party software notices and/or additional terms for licensed third-party software components included within ICU libraries.

#### 1. ICU License - ICU 1.8.1 to ICU 57.1 COPYRIGHT AND PERMISSION NOTICE

Copyright (c) 1995-2016 International Business Machines Corporation and others All rights reserved.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, provided that the above copyright notice(s) and this permission notice appear in all copies of the Software and that both the above copyright notice(s) and this permission notice appear in supporting documentation.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT OF THIRD PARTY RIGHTS. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR HOLDERS INCLUDED IN THIS NOTICE BE LIABLE FOR ANY CLAIM, OR ANY SPECIAL INDIRECT OR CONSEQUENTIAL DAMAGES, OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

Except as contained in this notice, the name of a copyright holder shall not be used in advertising or otherwise to promote the sale, use or other dealings in this Software without prior written authorization of the copyright holder.

All trademarks and registered trademarks mentioned herein are the property of their respective owners.

Chinese/Japanese Word Break Dictionary Data (cjdict.txt)

The Google Chrome software developed by Google is licensed under the BSD license. Other software included in this distribution is provided under other licenses, as set forth below.

The BSD License <http://opensource.org/licenses/bsd-license.php> Copyright (C) 2006-2008, Google Inc.

All rights reserved.



Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution. Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN

ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

The word list in cjdict.txt are generated by combining three word lists listed below with further processing for compound word breaking. The frequency is generated with an iterative training against Google web corpora.

\* Libtabe (Chinese)

- [https://sourceforge.net/project/?group\\_id=1519](https://sourceforge.net/project/?group_id=1519)

- Its license terms and conditions are shown below.

\* IPADIC (Japanese)

- <http://chasen.aist-nara.ac.jp/chasen/distribution.html> - Its license terms and conditions are shown below.

- -----COPYING.libtabe ---- BEGIN----- /\*

\* Copyright (c) 1999 TaBE Project.

\* Copyright (c) 1999 Pai-Hsiang Hsiao.

\* All rights reserved.

\*

\* Redistribution and use in source and binary forms, with or without

\* modification, are permitted provided that the following conditions

\* are met:

\*

\* . Redistributions of source code must retain the above copyright

\* notice, this list of conditions and the following disclaimer.

\* . Redistributions in binary form must reproduce the above copyright

- \* notice, this list of conditions and the following disclaimer in
- \* the documentation and/or other materials provided with the
- \* distribution.
- \* . Neither the name of the TaBE Project nor the names of its
- \* contributors may be used to endorse or promote products derived
- \* from this software without specific prior written permission.
- \*
- \* THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS
- \* "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED
- \* TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A
- \* PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE REGENTS OR
- \* CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL,
- \* EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO,
- \* PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR
- \* PROFITS; OR BUSINESS INTERRUPTION)
- \* HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT,
- \* STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN
- \* ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE
- \* POSSIBILITY OF SUCH DAMAGE.
- /\*
- \* Copyright (c) 1999 Computer Systems and Communication Lab,
- \* Institute of Information Science, Academia
- \* Sinica. All rights reserved. \*
- \* Redistribution and use in source and binary forms, with or without
- \* modification, are permitted provided that the following conditions
- \* are met: \*
- \* . Redistributions of source code must retain the above copyright
- \* notice, this list of conditions and the following disclaimer.
- \* . Redistributions in binary form must reproduce the above copyright
- \* notice, this list of conditions and the following disclaimer in
- \* the documentation and/or other materials provided with the
- \* distribution.
- \* . Neither the name of the Computer Systems and Communication Lab
- \* nor the names of its contributors may be used to endorse or
- \* promote products derived from this software without specific
- \* prior written permission.
- \*

\* THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE REGENTS OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Copyright 1996 Chih-Hao Tsai @ Beckman Institute, University of Illinois

c-tsai4@uiuc.edu <http://casper.beckman.uiuc.edu/~c-tsai4>

- -----COPYING.libtabe-----END-----

- -----COPYING.ipadic-----BEGIN-----

Copyright 2000, 2001, 2002, 2003 Nara Institute of Science and Technology. All Rights Reserved.

Use, reproduction, and distribution of this software is permitted. Any copy of this software, whether in its original form or modified, must include both the above copyright notice and the following paragraphs.

Nara Institute of Science and Technology (NAIST),

the copyright holders, disclaims all warranties with regard to this software, including all implied warranties of merchantability and fitness, in no event shall NAIST be liable for any special, indirect or consequential damages or any damages whatsoever resulting from loss of use, data or profits, whether in an action of contract, negligence or other tortious action, arising out of or in connection with the use or performance of this software.

A large portion of the dictionary entries

originate from ICOT Free Software. The following conditions for ICOT Free Software applies to the current dictionary as well.

Each User may also freely distribute the Program, whether in its original form or modified, to any third party or parties, PROVIDED that the provisions of Section 3 ("NO WARRANTY") will ALWAYS appear on, or be attached to, the Program, which is distributed substantially in the same form as set out herein and that such intended distribution, if actually made, will neither violate or otherwise contravene any of the laws and regulations of the countries having jurisdiction over the User or the intended distribution itself.

#### NO WARRANTY

The program was produced on an experimental basis in the course of the research and development conducted during the project and is provided to users as so produced on an experimental basis. Accordingly, the program is provided without any warranty whatsoever, whether express, implied, statutory or otherwise. The term "warranty" used herein includes, but is not limited to, any warranty of the quality, performance, merchantability and fitness for a particular purpose of the program and the nonexistence of any infringement or violation of any right of any third party.

Each user of the program will agree and understand, and be deemed to have agreed and understood, that there is no warranty whatsoever for the program and, accordingly, the entire risk arising from or otherwise connected with the program is assumed by the user.

Therefore, neither ICOT, the copyright holder, or any other organization that participated in or was otherwise related to the development of the program and their respective officials, directors, officers and other employees shall be held liable for any and all damages, including, without limitation, general, special, incidental and consequential damages, arising out of or otherwise in connection with the use or inability to use the program or any product, material or result produced or otherwise obtained by using the program, regardless of whether they have been advised of, or otherwise had knowledge of, the possibility of such damages at any time during the project or thereafter. Each user will be deemed to have agreed to the foregoing by his or her commencement of use of the program. The term "use" as used herein includes, but is not limited to, the use, modification, copying and distribution of the program and the production of secondary products from the program.

In the case where the program, whether in its original form or modified, was distributed or delivered to or received by a user from any person, organization or entity other than ICOT, unless it makes or grants independently of ICOT any specific warranty to the user in writing, such person, organization or entity, will also be exempted from and not be held liable to the user for any such damages as noted above as far as the program is concerned.

- -----COPYING.ipadic-----END-----

Lao Word Break Dictionary Data (laodict.txt)

Copyright (c) 2013 International Business Machines Corporation and others. All Rights Reserved.

Project: <http://code.google.com/p/lao-dictionary/> Dictionary: <http://lao-dictionary.googlecode.com/git/Lao-Dictionary.txt> License: <http://lao-dictionary.googlecode.com/git/Lao-Dictionary-LICENSE.txt> (copied below)

This file is derived from the above dictionary, with slight modifications.

Copyright (C) 2013 Brian Eugene Wilson, Robert Martin Campbell. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Burmese Word Break Dictionary Data (burmesedict.txt)

Copyright (c) 2014 International Business Machines Corporation and others. All Rights Reserved.

This list is part of a project hosted at: [github.com/kanyawtech/myanmar-karen-word-lists](https://github.com/kanyawtech/myanmar-karen-word-lists)

Copyright (c) 2013, LeRoy Benjamin Sharon All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met: Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

Neither the name Myanmar Karen Word Lists, nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

#### Time Zone Database

ICU uses the public domain data and code derived from Time Zone Database for its time zone support. The ownership of the TZ database is explained in BCP 175: Procedure for Maintaining the Time Zone Database section 7.

#### Database Ownership

The TZ database itself is not an IETF Contribution or an IETF document. Rather it is a pre-existing and regularly updated work that is in the public domain, and is intended to remain in the public domain. Therefore, BCPs 78 [RFC5378] and 79 [RFC3979] do not apply to the TZ Database or contributions that individuals make to it. Should any claims be made and substantiated against the TZ Database, the organization that is providing the IANA Considerations defined in this RFC, under the memorandum of understanding with the IETF, currently ICANN, may act in accordance with all competent court orders. No ownership claims will be made by ICANN or the IETF Trust on the database or the code. Any person making a contribution to the database or code waives all rights to future claims in that contribution or in the TZ Database.

#### Google double-conversion

Copyright 2006-2011, the V8 project authors. All rights reserved. Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

- \* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A

PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

- libuv, located at deps/uv, is licensed as follows:

libuv is licensed for use as follows:

Copyright (c) 2015-present libuv project contributors.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

This license applies to parts of libuv originating from the <https://github.com/joyent/libuv> repository:

Copyright Joyent, Inc. and other Node contributors. All rights reserved. Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

This license applies to all parts of libuv that are not externally maintained libraries. The externally maintained libraries used by libuv are:

- tree.h (from FreeBSD), copyright Niels Provos. Two clause BSD license.
- inet\_pton and inet\_ntop implementations, contained in src/inet.c, are copyright the Internet Systems Consortium, Inc., and licensed under the ISC license.

- `stdint-msvc2008.h` (from `msinttypes`), copyright Alexander Chemeris. Three clause BSD license.

- `pthread-fixes.c`, copyright Google Inc. and Sony Mobile Communications AB. Three clause BSD license.

- `android-ifaddrs.h`, `android-ifaddrs.c`, copyright Berkeley Software Design Inc, Kenneth MacKay and Emergya (Cloud4all, FP7/2007-2013, grant agreement n° 289016). Three clause BSD license.

- OpenSSL, located at `deps/openssl`, is licensed as follows:

Copyright (c) 1998-2018 The OpenSSL Project. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. All advertising materials mentioning features or use of this software must display the following acknowledgment: "This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. (<http://www.openssl.org/>)"
4. The names "OpenSSL Toolkit" and "OpenSSL Project" must not be used to endorse or promote products derived from this software without prior written permission. For

written permission, please contact [openssl-core@openssl.org](mailto:openssl-core@openssl.org).

1. Products derived from this software may not be called "OpenSSL" nor may "OpenSSL" appear in their names without prior written permission of the OpenSSL Project.
2. Redistributions of any form whatsoever must retain the following acknowledgment: "This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit (<http://www.openssl.org/>)"

THIS SOFTWARE IS PROVIDED BY THE OpenSSL PROJECT ``AS IS" AND ANY EXPRESSED OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE OpenSSL PROJECT OR ITS CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

This product includes cryptographic software written by Eric Young ([ey@cryptsoft.com](mailto:ey@cryptsoft.com)). This product includes software written by Tim Hudson ([tjh@cryptsoft.com](mailto:tjh@cryptsoft.com)).

- `Punycode.js`, located at `lib/punycode.js`, is licensed as follows:

Copyright Mathias Bynens <<https://mathiasbynens.be/>>

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute,



sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

- V8, located at `deps/v8`, is licensed as follows:

This license applies to all parts of V8 that are not externally maintained libraries. The externally maintained libraries used by V8 are:

- PCRE test suite, located in `test/mjsunit/third_party/regexp-pcre/regexp-pcre.js`. This is based on the test suite from PCRE-7.3, which is copyrighted by the University of Cambridge and Google, Inc. The copyright notice and license are embedded in `regexp-pcre.js`.

- Layout tests, located in `test/mjsunit/third_party/object-keys`. These are based on layout tests from `webkit.org` which are copyrighted by Apple Computer, Inc. and released under a 3-clause BSD license.

- Strongtalk assembler, the basis of the files `assembler-arm-inl.h`, `assembler-arm.cc`, `assembler-arm.h`, `assembler-ia32-inl.h`, `assembler-ia32.cc`, `assembler-ia32.h`, `assembler-x64-inl.h`, `assembler-x64.cc`, `assembler-x64.h`, `assembler-mips-inl.h`, `assembler-mips.cc`, `assembler-mips.h`, `assembler.cc` and `assembler.h`. This code is copyrighted by Sun Microsystems Inc. and released under a 3-clause BSD license.

- Valgrind client API header, located at `third_party/valgrind/valgrind.h`. This is released under the BSD license.

- antlr4 parser generator Cpp library located in `third_party/antlr4`. This is released under the BSD license.

These libraries have their own licenses; we recommend you read them, as their terms may differ from the terms below. Further license information can be found in LICENSE files located in sub-directories.

Copyright 2014, the V8 project authors. All rights reserved. Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

\* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

\* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

\* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT



OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

- zlib, located at deps/zlib, is licensed as follows:

zlib.h -- interface of the 'zlib' general purpose compression library version 1.2.11, January 15th, 2017 Copyright (C) 1995-2017 Jean-loup Gailly and Mark Adler

This software is provided 'as-is', without any express or implied warranty. In no event will the authors be held liable for any damages arising from the use of this software.

Permission is granted to anyone to use this software for any purpose, including commercial applications, and to alter it and redistribute it freely, subject to the following restrictions:

1. The origin of this software must not be misrepresented; you must not claim that you wrote the original software. If you use this software in a product, an acknowledgment in the product documentation would be appreciated but is not required.
2. Altered source versions must be plainly marked as such, and must not be misrepresented as being the original software.
3. This notice may not be removed or altered from any source distribution.

Jean-loup Gailly Mark Adler

jloup@gzip.org madler@alumni.caltech.edu

- npm, located at deps/npm, is licensed as follows:

The npm application

Copyright (c) npm, Inc. and Contributors Licensed on the terms of The Artistic License 2.0

Node package dependencies of the npm application Copyright (c) their respective copyright owners Licensed on their respective license terms

The npm public registry at <https://registry.npmjs.org> and the npm website at <https://www.npmjs.com> Operated by npm, Inc. Use governed by terms published on <https://www.npmjs.com>

"Node.js"

Trademark Joyent, Inc., <https://joyent.com>

Neither npm nor npm, Inc. are affiliated with Joyent, Inc.

The Node.js application

Project of Node Foundation, <https://nodejs.org>

The npm Logo

Copyright (c) Mathias Pettersson and Brian Hammond

"Gubblebum Blocky" typeface

Copyright (c) Tjarda Koster, <https://jelloween.deviantart.com> Used with permission

The Artistic License 2.0

Copyright (c) 2000-2006, The Perl Foundation.

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed. Preamble

This license establishes the terms under which a given free software Package may be copied, modified, distributed, and/ or redistributed. The intent is that the Copyright Holder maintains some artistic control over the development of that Package while still keeping the Package available as open source and free software.

You are always permitted to make arrangements wholly outside of this license directly with the Copyright Holder of a given Package. If the terms of this license do not permit the full use that you propose to make of the Package, you should contact the Copyright Holder and seek a different licensing arrangement.

#### Definitions

"Copyright Holder" means the individual(s) or organization(s) named in the copyright notice for the entire Package.

"Contributor" means any party that has contributed code or other material to the Package, in accordance with the Copyright Holder's procedures.

"You" and "your" means any person who would like to copy, distribute, or modify the Package.

"Package" means the collection of files distributed by the Copyright Holder, and derivatives of that collection and/or of those files. A given Package may consist of either the Standard Version, or a Modified Version.

"Distribute" means providing a copy of the Package or making it accessible to anyone else, or in the case of a company or organization, to others outside of your company or organization.

"Distributor Fee" means any fee that you charge for Distributing this Package or providing support for this Package to another party. It does not mean licensing fees.

"Standard Version" refers to the Package if it has not been modified, or has been modified only in ways explicitly requested by the Copyright Holder.

"Modified Version" means the Package, if it has been changed, and such changes were not explicitly requested by the Copyright Holder.

"Original License" means this Artistic License as Distributed with the Standard Version of the Package, in its current version or as it may be modified by The Perl Foundation in the future.

"Source" form means the source code, documentation source, and configuration files for the Package.

"Compiled" form means the compiled bytecode, object code, binary, or any other form resulting from mechanical transformation or translation of the Source form.

#### Permission for Use and Modification Without Distribution

(1) You are permitted to use the Standard Version and create and use Modified Versions for any purpose without restriction, provided that you do not Distribute the Modified Version.

#### Permissions for Redistribution of the Standard Version

(2) You may Distribute verbatim copies of the Source form of the Standard Version of this Package in any medium without restriction, either gratis or for a Distributor Fee, provided that you duplicate all of the original copyright notices and associated disclaimers. At your discretion, such verbatim copies may or may not include a Compiled form of the Package.

(3) You may apply any bug fixes, portability changes, and other modifications made available from the Copyright Holder. The resulting Package will still be considered the Standard Version, and as such will be subject to the Original License.

#### Distribution of Modified Versions of the Package as Source

(4) You may Distribute your Modified Version as Source (either gratis or for a Distributor Fee, and with or without a Compiled form of the Modified Version) provided that you clearly document how it differs from the Standard Version, including, but not limited to, documenting any non-standard features, executables, or modules, and provided that you do at least ONE of the following:

(a) make the Modified Version available to the Copyright Holder of the Standard Version, under the Original License, so that the Copyright Holder may include your modifications in the Standard Version.

(b) ensure that installation of your Modified Version does not prevent the user installing or running the Standard Version. In addition, the Modified Version must bear a name that is different from the name of the Standard Version.

(c) allow anyone who receives a copy of the Modified Version to make the Source form of the Modified Version

available to others under

(i) the Original License or

(ii) a license that permits the licensee to freely copy, modify and redistribute the Modified Version using the same licensing terms that apply to the copy that the licensee received, and requires that the Source form of the Modified Version, and of any works derived from it, be made freely available in that license fees are prohibited but Distributor Fees are allowed.

#### Distribution of Compiled Forms of the Standard Version or Modified Versions without the Source

(5) You may Distribute Compiled forms of the Standard Version without the Source, provided that you include complete instructions on how to get the Source of the Standard Version. Such instructions must be valid at the time of your distribution. If these instructions, at any time while you are carrying out such distribution, become invalid, you must provide new instructions on demand or cease further distribution. If you provide valid instructions or cease distribution within thirty days after you become aware that the instructions are invalid, then you do not forfeit any of your rights under this license.

(6) You may Distribute a Modified Version in Compiled form without the Source, provided that you comply with Section 4 with respect to the Source of the Modified Version.

#### Aggregating or Linking the Package

(7) You may aggregate the Package (either the Standard Version or Modified Version) with other packages and Distribute the resulting aggregation provided that you do not charge a licensing fee for the Package. Distributor Fees are permitted, and licensing fees for other components in the aggregation are permitted. The terms of this license apply to the use and Distribution of the Standard or Modified Versions as included in the aggregation.

(8) You are permitted to link Modified and Standard Versions with other works, to embed the Package in a larger work of your own, or to build stand-alone binary or bytecode versions of applications that include the Package, and Distribute the result without restriction, provided the result does not expose a direct interface to the Package.

#### Items That are Not Considered Part of a Modified Version

(9) Works (including, but not limited to, modules and scripts) that merely extend or make use of the Package, do not, by themselves, cause the Package to be a Modified Version. In addition, such works are not considered parts of the Package itself, and are not subject to the terms of this license.

#### General Provisions

(10) Any use, modification, and distribution of the Standard or Modified Versions is governed by this Artistic License. By using, modifying or distributing the Package, you accept this license. Do not use, modify, or distribute the Package, if you do not accept this license.

(11) If your Modified Version has been derived from a Modified Version made by someone other than you, you are nevertheless required to ensure that your Modified Version complies with the requirements of this license.

(12) This license does not grant you the right to use any trademark, service mark, tradename, or logo of the Copyright Holder.

(13) This license includes the non-exclusive, worldwide, free-of-charge patent license to make, have made, use, offer to sell, sell, import and otherwise transfer the Package with respect to any patent claims licensable by the Copyright Holder that are necessarily infringed by the Package. If you institute patent litigation (including a cross-claim or counterclaim) against any party alleging that the Package constitutes direct or contributory patent infringement, then this Artistic License to you shall terminate on the date that such litigation is filed.

(14) Disclaimer of Warranty:

THE PACKAGE IS PROVIDED BY THE COPYRIGHT HOLDER AND CONTRIBUTORS "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES. THE IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR NON-INFRINGEMENT ARE DISCLAIMED TO THE EXTENT PERMITTED BY YOUR LOCAL LAW. UNLESS REQUIRED BY LAW, NO COPYRIGHT HOLDER OR CONTRIBUTOR WILL BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGES ARISING IN ANY WAY OUT OF THE USE OF THE PACKAGE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

- GYP, located at tools/gyp, is licensed as follows:

Copyright (c) 2009 Google Inc. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

\* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

\* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

\* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY

THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

- inspector\_protocol, located at tools/inspector\_protocol, is licensed as follows:

```
// Copyright 2016 The Chromium Authors. All rights reserved. // // Redistribution and use in
source and binary forms, with or without // modification, are permitted provided that the
following conditions are // met: // // * Redistributions of source code must retain the above
copyright // notice, this list of conditions and the following disclaimer. // * Redistributions in
binary form must reproduce the above // copyright notice, this list of conditions and the
following disclaimer // in the documentation and/or other materials provided with the //
distribution. // * Neither the name of Google Inc. nor the names of its // contributors may be
used to endorse or promote products derived from // this software without specific prior written
permission. // // THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND
CONTRIBUTORS // "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING,
BUT NOT // LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND
FITNESS FOR // A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE
COPYRIGHT // OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT,
INCIDENTAL, // SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING,
BUT NOT // LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS
OF USE, // DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED
AND ON ANY // THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR
TORT // (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE
USE // OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH
DAMAGE.
```

- jinja2, located at tools/jinja2, is licensed as follows:

Copyright (c) 2009 by the Jinja Team, see AUTHORS for more details. Some rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

- \* The names of the contributors may not be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

- markupsafe, located at tools/markupsafe, is licensed as follows:

Copyright (c) 2010 by Armin Ronacher and contributors. See AUTHORS for more details. Some rights reserved.

Redistribution and use in source and binary forms of the software as well as documentation, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* The names of the contributors may not be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE AND DOCUMENTATION IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE AND DOCUMENTATION, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

- cpplint.py, located at tools/cpplint.py, is licensed as follows:

Copyright (c) 2009 Google Inc. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

- ESLint, located at tools/node\_modules/eslint, is licensed as follows:

Copyright JS Foundation and other contributors, <https://js.foundation>

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction,



including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

- babel-eslint, located at tools/node\_modules/babel-eslint, is licensed as follows:

Copyright (c) 2014-2016 Sebastian McKenzie <sebmck@gmail.com> MIT License

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

- gtest, located at deps/gtest, is licensed as follows:

Copyright 2008, Google Inc. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

- \* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY

THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

- nghttp2, located at deps/nghttp2, is licensed as follows:

The MIT License

Copyright (c) 2012, 2014, 2015, 2016 Tatsuhiro Tsujikawa Copyright (c) 2012, 2014, 2015, 2016 nghttp2 contributors

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

- node-inspect, located at deps/node-inspect, is licensed as follows:

Copyright Node.js contributors. All rights reserved.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the

Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.



# GNU General Public License v3 (GPL v3)

## GNU GENERAL PUBLIC LICENSE

Version 3, 29 June 2007

Copyright (C) 2007 Free Software Foundation, Inc. <<http://fsf.org/>>

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

### Preamble

The GNU General Public License is a free, copyleft license for software and other kinds of works.

The licenses for most software and other practical works are designed to take away your freedom to share and change the works. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change all versions of a program--to make sure it remains free software for all its users. We, the Free Software Foundation, use the GNU General Public License for most of our software; it applies also to any other work released this way by its authors. You can apply it to your programs, too. When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for them if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs, and that you know you can do these things.

To protect your rights, we need to prevent others from denying you these rights or asking you to surrender the rights. Therefore, you have certain responsibilities if you distribute copies of the software, or if you modify it: responsibilities to respect the freedom of others.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must pass on to the recipients the same freedoms that you received. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

Developers that use the GNU GPL protect your rights with two steps:

- (1) assert copyright on the software, and
- (2) offer you this License giving you legal permission to copy, distribute and/or modify it.

For the developers' and authors' protection, the GPL clearly explains that there is no warranty for this free software. For both users' and authors' sake, the GPL requires that modified versions be marked as changed, so that their problems will not be attributed erroneously to authors of previous versions.

Some devices are designed to deny users access to install or run modified versions of the software inside them, although the manufacturer can do so. This is fundamentally incompatible with the aim of protecting users' freedom to change the software. The systematic pattern of such abuse occurs in the area of products for individuals to use, which is precisely where it is most unacceptable. Therefore, we have designed this version of the GPL to prohibit the practice for those products. If such problems arise substantially in other domains, we stand

ready to extend this provision to those domains in future versions of the GPL, as needed to protect the freedom of users.

Finally, every program is threatened constantly by software patents. States should not allow patents to restrict development and use of software on general-purpose computers, but in those that do, we wish to avoid the special danger that patents applied to a free program could make it effectively proprietary. To prevent this, the GPL assures that patents cannot be used to render the program non-free.

The precise terms and conditions for copying, distribution and modification follow.

## TERMS AND CONDITIONS

### Definitions.

"This License" refers to version 3 of the GNU General Public License.

"Copyright" also means copyright-like laws that apply to other kinds of works, such as semiconductor masks.

"The Program" refers to any copyrightable work licensed under this License. Each licensee is addressed as "you". "Licensees" and "recipients" may be individuals or organizations. To "modify" a work means to copy from or adapt all or part of the work in a fashion requiring copyright permission, other than the making of an exact copy. The resulting work is called a "modified version" of the earlier work or a work "based on" the earlier work. A "covered work" means either the unmodified Program or a work based on the Program. To "propagate" a work means to do anything with it that, without permission, would make you directly or secondarily liable for infringement under applicable copyright law, except executing it on a computer or modifying a private copy. Propagation includes copying, distribution (with or without modification), making available to the public, and in some countries other activities as well. To "convey" a work means any kind of propagation that enables other parties to make or receive copies. Mere interaction with a user through a computer network, with no transfer of a copy, is not conveying. An interactive user interface displays "Appropriate Legal Notices" to the extent that it includes a convenient and prominently visible feature that (1) displays an appropriate copyright notice, and (2) tells the user that there is no warranty for the work (except to the extent that warranties are provided), that licensees may convey the work under this License, and how to view a copy of this License. If the interface presents a list of user commands or options, such as a menu, a prominent item in the list meets this criterion.

### Source Code.

The "source code" for a work means the preferred form of the work for making modifications to it. "Object code" means any non-source form of a work. A "Standard Interface" means an interface that either is an official standard defined by a recognized standards body, or, in the case of interfaces specified for a particular programming language, one that is widely used among developers working in that language. The "System Libraries" of an executable work include anything, other than the work as a whole, that (a) is included in the normal form of packaging a Major Component, but which is not part of that Major Component, and (b) serves only to enable use of the work with that Major Component, or to implement a Standard Interface for which an implementation is available to the public in source code form. A "Major Component", in this context, means a major essential component (kernel, window system, and so on) of the specific operating system (if any) on which the executable work runs, or a compiler used to produce the work, or an object code interpreter used to run it. The "Corresponding Source" for a work in object code form means all the source code needed to generate, install, and (for an executable work) run the object code and to modify the work, including scripts to control those activities. However, it does not include the work's System Libraries, or general-purpose tools or generally available free programs which are used unmodified in performing those activities but which are not part of the work. For example, Corresponding Source includes interface definition files associated with source files for the

work, and the source code for shared libraries and dynamically linked subprograms that the work is specifically designed to require, such as by intimate data communication or control flow between those subprograms and other parts of the work.

The Corresponding Source need not include anything that users can regenerate automatically from other parts of the Corresponding Source.

The Corresponding Source for a work in source code form is that same work.

#### Basic Permissions.

All rights granted under this License are granted for the term of copyright on the Program, and are irrevocable provided the stated conditions are met. This License explicitly affirms your unlimited permission to run the unmodified Program. The output from running a covered work is covered by this License only if the output, given its content, constitutes a covered work. This License acknowledges your rights of fair use or other equivalent, as provided by copyright law. You may make, run and propagate covered works that you do not convey, without conditions so long as your license otherwise remains in force. You may convey covered works to others for the sole purpose of having them make modifications exclusively for you, or provide you with facilities for running those works, provided that you comply with the terms of this License in conveying all material for which you do not control copyright. Those thus making or running the covered works for you must do so exclusively on your behalf, under your direction and control, on terms that prohibit them from making any copies of your copyrighted material outside their relationship with you. Conveying under any other circumstances is permitted solely under the conditions stated below. Sublicensing is not allowed; section 10 makes it unnecessary.

#### Protecting Users' Legal Rights From Anti-Circumvention Law.

No covered work shall be deemed part of an effective technological measure under any applicable law fulfilling obligations under article 11 of the WIPO copyright treaty adopted on 20 December 1996, or similar laws prohibiting or restricting circumvention of such measures. When you convey a covered work, you waive any legal power to forbid circumvention of technological measures to the extent such circumvention is effected by exercising rights under this License with respect to the covered work, and you disclaim any intention to limit operation or modification of the work as a means of enforcing, against the work's users, your or third parties' legal rights to forbid circumvention of technological measures.

#### Conveying Verbatim Copies.

You may convey verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice; keep intact all notices stating that this License and any non-permissive terms added in accord with section 7 apply to the code; keep intact all notices of the absence of any warranty; and give all recipients a copy of this License along with the Program. You may charge any price or no price for each copy that you convey, and you may offer support or warranty protection for a fee. Conveying Modified Source Versions. You may convey a work based on the Program, or the modifications to produce it from the Program, in the form of source code under the terms of section 4, provided that you also meet all of these conditions:

- a) The work must carry prominent notices stating that you modified it, and giving a relevant date.
- b) The work must carry prominent notices stating that it is released under this License and any conditions added under section

This requirement modifies the requirement in section 4 to "keep intact all notices".

- c) You must license the entire work, as a whole, under this License to anyone who comes into possession of a copy. This License will therefore apply, along with any applicable section 7

additional terms, to the whole of the work, and all its parts, regardless of how they are packaged. This License gives no permission to license the work in any other way, but it does not invalidate such permission if you have separately received it.

d) If the work has interactive user interfaces, each must display Appropriate Legal Notices; however, if the Program has interactive interfaces that do not display Appropriate Legal Notices, your work need not make them do so.

A compilation of a covered work with other separate and independent works, which are not by their nature extensions of the covered work, and which are not combined with it such as to form a larger program, in or on a volume of a storage or distribution medium, is called an "aggregate" if the compilation and its resulting copyright are not used to limit the access or legal rights of the compilation's users beyond what the individual works permit. Inclusion of a covered work in an aggregate does not cause this License to apply to the other parts of the aggregate.

#### Conveying Non-Source Forms.

You may convey a covered work in object code form under the terms of sections 4 and 5, provided that you also convey the machine-readable Corresponding Source under the terms of this License, in one of these ways:

a) Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by the Corresponding Source fixed on a durable physical medium customarily used for software interchange.

b) Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by a written offer, valid for at least three years and valid for as long as you offer spare parts or customer support for that product model, to give anyone who possesses the object code either (1) a copy of the Corresponding Source for all the software in the product that is covered by this License, on a durable physical medium customarily used for software interchange, for a price no more than your reasonable cost of physically performing this conveying of source, or (2) access to copy the Corresponding Source from a network server at no charge.

c) Convey individual copies of the object code with a copy of the written offer to provide the Corresponding Source. This alternative is allowed only occasionally and noncommercially, and only if you received the object code with such an offer, in accord with subsection 6b.

d) Convey the object code by offering access from a designated place (gratis or for a charge), and offer equivalent access to the Corresponding Source in the same way through the same place at no further charge. You need not require recipients to copy the Corresponding Source along with the object code. If the place to copy the object code is a network server, the Corresponding Source may be on a different server (operated by you or a third party) that supports equivalent copying facilities, provided you maintain clear directions next to the object code saying where to find the Corresponding Source. Regardless of what server hosts the Corresponding Source, you remain obligated to ensure that it is available for as long as needed to satisfy these requirements.

e) Convey the object code using peer-to-peer transmission, provided you inform other peers where the object code and Corresponding Source of the work are being offered to the general public at no charge under subsection 6d. A separable portion of the object code, whose source code is excluded from the Corresponding Source as a System Library, need not be included in conveying the object code work.

A "User Product" is either (1) a "consumer product", which means any tangible personal property which is normally used for personal, family, or household purposes, or (2) anything designed or sold for incorporation into a dwelling. In determining whether a product is a consumer product, doubtful cases shall be resolved in favor of coverage. For a particular

product received by a particular user, "normally used" refers to a typical or common use of that class of product, regardless of the status of the particular user or of the way in which the particular user actually uses, or expects or is expected to use, the product. A product is a consumer product regardless of whether the product has substantial commercial, industrial or non-consumer uses, unless such uses represent the only significant mode of use of the product. "Installation Information" for a User Product means any methods, procedures, authorization keys, or other information required to install and execute modified versions of a covered work in that User Product from a modified version of its Corresponding Source. The information must suffice to ensure that the continued functioning of the modified object code is in no case prevented or interfered with solely because

modification has been made. If you convey an object code work under this section in, or with, or specifically for use in, a User Product, and the conveying occurs as part of a transaction in which the right of possession and use of the User Product is transferred to the recipient in perpetuity or for a fixed term (regardless of how the transaction is characterized), the Corresponding Source conveyed under this section must be accompanied by the Installation Information. But this requirement does not apply if neither you nor any third party retains the ability to install modified object code on the User Product (for example, the work has been installed in ROM).

The requirement to provide Installation Information does not include a requirement to continue to provide support service, warranty, or updates for a work that has been modified or installed by the recipient, or for the User Product in which it has been modified or installed. Access to a network may be denied when the modification itself materially and adversely affects the operation of the network or violates the rules and protocols for communication across the network. Corresponding Source conveyed, and Installation Information provided, in accord with this section must be in a format that is publicly documented (and with an implementation available to the public in source code form), and must require no special password or key for unpacking, reading or copying.

#### Additional Terms.

"Additional permissions" are terms that supplement the terms of this License by making exceptions from one or more of its conditions. Additional permissions that are applicable to the entire Program shall be treated as though they were included in this License, to the extent that they are valid under applicable law. If additional permissions apply only to part of the Program, that part may be used separately under those permissions, but the entire Program remains governed by this License without regard to the additional permissions. When you convey a copy of a covered work, you may at your option remove any additional permissions from that copy, or from any part of it. (Additional permissions may be written to require their own removal in certain cases when you modify the work.) You may place additional permissions on material, added by you to a covered work, for which you have or can give appropriate copyright permission. Notwithstanding any other provision of this License, for material you add to a covered work, you may (if authorized by the copyright holders of that material) supplement the terms of this License with terms:

- a) Disclaiming warranty or limiting liability differently from the terms of sections 15 and 16 of this License; or
- b) Requiring preservation of specified reasonable legal notices or author attributions in that material or in the Appropriate Legal Notices displayed by works containing it; or
- c) Prohibiting misrepresentation of the origin of that material, or requiring that modified versions of such material be marked in reasonable ways as different from the original version; or
- d) Limiting the use for publicity purposes of names of licensors or authors of the material; or

e) Declining to grant rights under trademark law for use of some trade names, trademarks, or service marks; or

f) Requiring indemnification of licensors and authors of that material by anyone who conveys the material (or modified versions of it) with contractual assumptions of liability to the recipient, for any liability that these contractual assumptions directly impose on those licensors and authors.

All other non-permissive additional terms are considered "further restrictions" within the meaning of section 10. If the Program as you received it, or any part of it, contains a notice stating that it is governed by this License along with a term that is a further restriction, you may remove that term. If a license document contains a further restriction but permits relicensing or conveying under this

License, you may add to a covered work material governed by the terms of that license document, provided that the further restriction does not survive such relicensing or conveying. If you add terms to a covered work in accord with this section, you must place, in the relevant source files, a statement of the additional terms that apply to those files, or a notice indicating where to find the applicable terms.

Additional terms, permissive or non-permissive, may be stated in the form of a separately written license, or stated as exceptions; the above requirements apply either way.

Termination.

You may not propagate or modify a covered work except as expressly provided under this License. Any attempt otherwise to propagate or modify it is void, and will automatically terminate your rights under this License (including any patent licenses granted under the third paragraph of section 11).

However, if you cease all violation of this License, then your license from a particular copyright holder is reinstated (a) provisionally, unless and until the copyright holder explicitly and finally terminates your license, and (b) permanently, if the copyright holder fails to notify you of the violation by some reasonable means prior to 60 days after the cessation.

Moreover, your license from a particular copyright holder is reinstated permanently if the copyright holder notifies you of the violation by some reasonable means, this is the first time you have received notice of violation of this License (for any work) from that copyright holder, and you cure the violation prior to 30 days after your receipt of the notice.

Termination of your rights under this section does not terminate the licenses of parties who have received copies or rights from you under this License. If your rights have been terminated and not permanently reinstated, you do not qualify to receive new licenses for the same material under section 10.

Acceptance Not Required for Having Copies. You are not required to accept this License in order to receive or run a copy of the Program. Ancillary propagation of a covered work occurring solely as a consequence of using peer-to-peer transmission to receive a copy likewise does not require acceptance. However, nothing other than this License grants you permission to propagate or modify any covered work. These actions infringe copyright if you do not accept this License. Therefore, by modifying or propagating a covered work, you indicate your acceptance of this License to do so.

Automatic Licensing of Downstream Recipients. Each time you convey a covered work, the recipient automatically receives a license from the original licensors, to run, modify and propagate that work, subject to this License. You are not responsible for enforcing compliance by third parties with this License. An "entity transaction" is a transaction transferring control of an organization, or substantially all assets of one, or subdividing an organization, or merging organizations. If propagation of a covered work results from an entity transaction, each party to that transaction who receives a copy of the work also receives whatever licenses to the work



the party's predecessor in interest had or could give under the previous paragraph, plus a right to possession of the

Corresponding Source of the work from the predecessor in interest, if the predecessor has it or can get it with reasonable efforts. You may not impose any further restrictions on the exercise of the rights granted or affirmed under this License. For example, you may not impose a license fee, royalty, or other charge for exercise of rights granted under this License, and you may not initiate litigation (including a cross-claim or counterclaim in a lawsuit) alleging that any patent claim is infringed by making, using, selling, offering for sale, or importing the Program or any portion of it.

Patents.

A "contributor" is a copyright holder who authorizes use under this License of the Program or a work on which the Program is based. The work thus licensed is called the contributor's "contributor version".

A contributor's "essential patent claims" are all patent claims owned or controlled by the contributor, whether already acquired or hereafter acquired, that would be infringed by some manner, permitted by this License, of making, using, or selling its contributor version, but do not include claims that would be infringed only as a consequence of further modification of the contributor version. For purposes of this definition, "control" includes the right to grant patent sublicenses in a manner consistent with the requirements of this License.

Each contributor grants you a non-exclusive, worldwide, royalty-free patent license under the contributor's essential patent claims, to make, use, sell, offer for sale, import and otherwise run, modify and propagate the contents of its contributor version. In the following three paragraphs, a "patent license" is any express agreement or commitment, however denominated, not to enforce a patent (such as an express permission to practice a patent or covenant not to sue for patent infringement). To "grant" such a patent license to a party means to make such an agreement or commitment not to enforce a patent against the party.

If you convey a covered work, knowingly relying on a patent license, and the Corresponding Source of the work is not available for anyone to copy, free of charge and under the terms of this License, through a publicly available network server or other readily accessible means, then you must either (1) cause the Corresponding Source to be so available, or (2) arrange to deprive yourself of the benefit of the patent license for this particular work, or (3) arrange, in a manner consistent with the requirements of this License, to extend the patent license to downstream recipients. "Knowingly relying" means you have actual knowledge that, but for the patent license, your conveying the covered work in a country, or your recipient's use of the covered work in a country, would infringe one or more identifiable patents in that country that you have reason to believe are valid. If, pursuant to or in connection with a single transaction or arrangement, you convey, or propagate by procuring conveyance of, a covered work, and grant a patent license to some of the parties receiving the covered work authorizing them to use, propagate, modify or convey a specific copy of the covered work, then the patent license you grant is automatically extended to all recipients of the covered work and works based on it.

A patent license is "discriminatory" if it does not include within the scope of its coverage, prohibits the exercise of, or is conditioned on the non-exercise of one or more of the rights that are specifically granted under this License. You may not convey a covered work if you are a party to an arrangement with a third party that is in the business of distributing software, under which you make payment to the third party based on the extent of your activity of conveying the work, and under which the third party grants, to any of the parties who would receive the covered work from you, a discriminatory

patent license (a) in connection with copies of the covered work conveyed by you (or copies made from those copies), or (b) primarily for and in connection with specific products or compilations that contain the covered work, unless you entered into that arrangement, or that patent license was granted, prior to 28 March 2007.

Nothing in this License shall be construed as excluding or limiting any implied license or other defenses to infringement that may otherwise be available to you under applicable patent law.

**No Surrender of Others' Freedom.** If conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot convey a covered work so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not convey it at all. For example, if you agree to terms that obligate you to collect a royalty for further conveying from those to whom you convey the Program, the only way you could satisfy both those terms and this

License would be to refrain entirely from conveying the Program. Use with the GNU Affero General Public License. Notwithstanding any other provision of this License, you have permission to link or combine any covered work with a work licensed under version 3 of the GNU Affero General Public License into a single combined work, and to convey the resulting work. The terms of this License will continue to apply to the part which is the covered work, but the special requirements of the GNU Affero General Public License, section 13, concerning interaction through a network will apply to the combination as such.

**Revised Versions of this License.**

The Free Software Foundation may publish revised and/or new versions of the GNU General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns. Each version is given a distinguishing version number. If the Program specifies that a certain numbered version of the GNU General

Public License "or any later version" applies to it, you have the option of following the terms and conditions either of that numbered version or of any later version published by the Free Software

Foundation. If the Program does not specify a version number of the GNU General Public License, you may choose any version ever published by the Free Software Foundation.

If the Program specifies that a proxy can decide which future versions of the GNU General Public License can be used, that proxy's public statement of acceptance of a version permanently authorizes you to choose that version for the Program.

Later license versions may give you additional or different permissions. However, no additional obligations are imposed on any author or copyright holder as a result of your choosing to follow a later version.

**Disclaimer of Warranty.**

THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

**Limitation of Liability.**

IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MODIFIES AND/OR CONVEYS THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT



LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

Interpretation of Sections 15 and 16.

If the disclaimer of warranty and limitation of liability provided above cannot be given local legal effect according to their terms, reviewing courts shall apply local law that most closely approximates an absolute waiver of all civil liability in connection with the Program, unless a warranty or assumption of liability accompanies a copy of the Program in return for a fee.

## END OF TERMS AND CONDITIONS

### How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms. To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively state the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>

Copyright (C) <year> <name of author>

This program is free software: you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation, either version 3 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of

MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program. If not, see <<http://www.gnu.org/licenses/>>. Also add information on how to contact you by electronic and paper mail. If the program does terminal interaction, make it output a short notice like this when it starts in an interactive mode:

<program> Copyright (C) <year> <name of author>

This program comes with ABSOLUTELY NO WARRANTY; for details type `show w'.

This is free software, and you are welcome to redistribute it under certain conditions; type `show c' for details.

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, your program's commands might be different; for a GUI interface, you would use an "about box". You should also get your employer (if you work as a programmer) or school, if any, to sign a "copyright disclaimer" for the program, if necessary. For more information on this, and how to apply and follow the GNU GPL, see <<http://www.gnu.org/licenses/>>.

The GNU General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Lesser General Public License instead of this License. But first, please read

<<http://www.gnu.org/philosophy/why-not-lgpl.html>>.



# Zope Public License (ZPL) Version 2.0

(Required) Enter introductory text here, including the definition and purpose of the concept.

Zope Public License (ZPL) Version 2.0

-----

This software is Copyright (c) Zope Corporation (tm) and Contributors. All rights reserved.

This license has been certified as open source. It has also been designated as GPL compatible by the Free Software Foundation (FSF).

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

Redistributions in source code must retain the above copyright notice, this list of conditions, and the following disclaimer.

Redistributions in binary form must reproduce the above copyright notice, this list of conditions, and the following disclaimer in the documentation and/or other materials provided with the distribution.

The name Zope Corporation (tm) must not be used to endorse or promote products derived from this software without prior written permission from Zope Corporation.

The right to distribute this software or to use it for any purpose does not give you the right to use Servicemarks (sm) or Trademarks (tm) of Zope Corporation. Use of them is covered in a separate agreement (see <http://www.zope.com/Marks>).

If any files are modified, you must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.

#### Disclaimer

THIS SOFTWARE IS PROVIDED BY ZOPE CORPORATION ``AS IS" AND ANY EXPRESSED OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL ZOPE CORPORATION OR ITS CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

This software consists of contributions made by Zope Corporation and many individuals on behalf of Zope Corporation. Specific attributions are listed in the accompanying credits file.



# ECLIPSE 2.0 License

Eclipse Public License - v 2.0

THE ACCOMPANYING PROGRAM IS PROVIDED UNDER THE TERMS OF THIS ECLIPSE PUBLIC LICENSE ("AGREEMENT"). ANY USE, REPRODUCTION OR DISTRIBUTION OF THE PROGRAM CONSTITUTES RECIPIENT'S ACCEPTANCE OF THIS AGREEMENT.

## 1.DEFINITIONS

"Contribution" means:

a) in the case of the initial Contributor, the initial code and documentation distributed under this Agreement, and

b) in the case of each subsequent Contributor:

i) changes to the Program, and

ii) additions to the Program;

where such changes and/or additions to the Program originate from and are Distributed by that particular Contributor. A Contribution "originates" from a Contributor if it was added to the Program by such Contributor itself or anyone acting on such Contributor's behalf. Contributions do not include changes or additions to the Program that are not Modified Works.

"Contributor" means any person or entity that distributes the Program.

"Licensed Patents " mean patent claims licensable by a Contributor which are necessarily infringed by the use or sale of its Contribution alone or when combined with the Program.

"Program" means the Contributions distributed in accordance with this Agreement.

"Recipient" means anyone who receives the Program under this Agreement, including all Contributors.

"Derivative Works" shall mean any work, whether in Source Code or other form, that is based on (or derived from) the Program and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship.

"Modified Works" shall mean any work in Source Code or other form that results from an addition to, deletion from, or modification of the contents of the Program, including, for purposes of clarity any new file in Source Code form that contains any contents of the Program. Modified Works shall not include works that contain only declarations, interfaces, types, classes, structures, or files of the Program solely in each case in order to link to, bind by name, or subclass the Program or Modified Works thereof.

"Distribute" means the acts of a) distributing or b) making available in any manner that enables the transfer of a copy.

"Source Code" means the form of a Program preferred for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Secondary License" means either the GNU General Public License, Version 2.0, or any later versions of that license, including any exceptions or additional permissions as identified by the initial Contributor.

## 2. GRANT OF RIGHTS

a) Subject to the terms of this Agreement, each Contributor hereby grants Recipient a non-exclusive, worldwide, royalty-free copyright license to reproduce, prepare derivative works of, publicly display, publicly perform, distribute and sublicense the Contribution of such Contributor, if any, and such derivative works, in source code and object code form.

b) Subject to the terms of this Agreement, each Contributor hereby grants Recipient a non-exclusive, worldwide, royalty-free patent license under Licensed Patents to make, use, sell, offer to sell, import and otherwise transfer the Contribution of such Contributor, if any, in source code and object code form. This patent license shall apply to the combination of the Contribution and the Program if, at the time the Contribution is added by the Contributor, such addition of the Contribution causes such combination to be covered by the Licensed Patents. The patent license shall not apply to any other combinations which include the Contribution. No hardware per se is licensed hereunder.

c) Recipient understands that although each Contributor grants the licenses to its Contributions set forth herein, no assurances are provided by any Contributor that the Program does not infringe the patent or other intellectual property rights of any other entity. Each Contributor disclaims any liability to Recipient for claims brought by any other entity based on infringement of intellectual property rights or otherwise. As a condition to exercising the rights and licenses granted hereunder, each Recipient hereby assumes sole responsibility to secure any other intellectual property rights needed, if any. For example, if a third party patent license is required to allow Recipient to distribute the Program, it is Recipient's responsibility to acquire that license before distributing the Program.

d) Each Contributor represents that to its knowledge it has sufficient copyright rights in its Contribution, if any, to grant the copyright license set forth in this Agreement.

## 3. REQUIREMENTS

If a Contributor Distributes the Program in any form, then:

a) the Program must also be made available as Source Code, in accordance with section 3.2, and the Contributor must accompany the Program with a statement that the Source Code for the Program is available under this Agreement, and informs Recipients how to obtain it in a reasonable manner on or through a medium customarily used for software exchange; and

b) the Contributor may Distribute the Program under a license different than this Agreement, provided that such license:

i) effectively disclaims on behalf of all Contributors all warranties and conditions, express and implied, including warranties or conditions of title and non-infringement, and implied warranties or conditions of merchantability and fitness for a particular purpose;

ii) effectively excludes on behalf of all Contributors all liability for damages, including direct, indirect, special, incidental and consequential damages, such as lost profits;

iii) does not attempt to limit or alter the recipients' rights in the Source Code under section 3.2; and

iv) requires any subsequent distribution of the Program by any party to be under a license that satisfies the requirements of this section 3.

When the Program is Distributed as source code:

a) it must be made available under this Agreement, or if the Program (i) is combined with other material in a separate file or files made available under a Secondary License, and (ii) the initial Contributor attached to the Source Code the notice described in Exhibit A of this Agreement, then the Program may be made available under the terms of such Secondary Licenses, and

b) a copy of this Agreement must be included with each copy of the Program.

Contributors may not remove or alter any copyright, patent, trademark, attribution notices, disclaimers of warranty, or limitations of liability ('notices') contained within the Program from any copy of the Program which they Distribute, provided that Contributors may add their own appropriate notices.

#### 4.COMMERCIAL DISTRIBUTION

Commercial distributors of software may accept certain responsibilities with respect to end users, business partners and the like. While this license is intended to facilitate the commercial use of the Program, the Contributor who includes the Program in a commercial product offering should do so in a manner which does not create potential liability for other Contributors. Therefore, if a Contributor includes the Program in a commercial product offering, such Contributor ("Commercial Contributor") hereby agrees to defend and indemnify every other Contributor ("Indemnified Contributor") against any losses, damages and costs (collectively "Losses") arising from claims, lawsuits and other legal actions brought by a third party against the Indemnified Contributor to the extent caused by the acts or omissions of such Commercial Contributor in connection with its distribution of the Program in a commercial product offering. The obligations in this section do not apply to any claims or Losses relating to any actual or alleged intellectual property infringement. In order to qualify, an Indemnified Contributor must: a) promptly notify the Commercial Contributor in writing of such claim, and b) allow the Commercial Contributor to control, and cooperate with the Commercial Contributor in, the defense and any related settlement negotiations. The Indemnified Contributor may participate in any such claim at its own expense.

For example, a Contributor might include the Program in a commercial product offering, Product X. That Contributor is then a Commercial Contributor. If that Commercial Contributor then makes performance claims, or offers warranties related to Product X, those performance claims and warranties are such Commercial Contributor's responsibility alone. Under this section, the Commercial Contributor would have to defend claims against the other Contributors related to those performance claims and warranties, and if a court requires any other Contributor to pay any damages as a result, the Commercial Contributor must pay those damages.

#### 5. NO WARRANTY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, THE PROGRAM IS PROVIDED ON AN "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, EITHER EXPRESS OR IMPLIED INCLUDING, WITHOUT LIMITATION, ANY WARRANTIES OR CONDITIONS OF TITLE, NON-INFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Each Recipient is solely responsible for determining the appropriateness of using and distributing the Program and assumes all risks associated with its exercise of rights under this Agreement, including but not limited to the risks and costs of program errors, compliance with applicable laws, damage to or loss of data, programs or equipment, and unavailability or interruption of operations.

#### 6. DISCLAIMER OF LIABILITY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, NEITHER RECIPIENT NOR ANY CONTRIBUTORS SHALL HAVE ANY LIABILITY FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING WITHOUT LIMITATION LOST PROFITS), HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OR DISTRIBUTION OF THE PROGRAM OR THE EXERCISE OF ANY RIGHTS GRANTED HEREUNDER, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

#### 7.GENERAL

If any provision of this Agreement is invalid or unenforceable under applicable law, it shall not affect the validity or enforceability of the remainder of the terms of this Agreement, and without further action by the parties hereto, such provision shall be reformed to the minimum extent necessary to make such provision valid and enforceable.

If Recipient institutes patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Program itself (excluding combinations of the Program with other software or hardware) infringes such Recipient's patent(s), then such Recipient's rights granted under Section 2(b) shall terminate as of the date such litigation is filed.

All Recipient's rights under this Agreement shall terminate if it fails to comply with any of the material terms or conditions of this Agreement and does not cure such failure in a reasonable period of time after becoming aware of such noncompliance. If all Recipient's rights under this Agreement terminate, Recipient agrees to cease use and distribution of the Program as soon as reasonably practicable. However, Recipient's obligations under this Agreement and any licenses granted by Recipient relating to the Program shall continue and survive.

Everyone is permitted to copy and distribute copies of this Agreement, but in order to avoid inconsistency the Agreement is copyrighted and may only be modified in the following manner. The Agreement Steward reserves the right to publish new versions (including revisions) of this Agreement from time to time. No one other than the Agreement Steward has the right to modify this Agreement. The Eclipse Foundation is the initial Agreement Steward. The Eclipse Foundation may assign the responsibility to serve as the Agreement Steward to a suitable separate entity. Each new version of the Agreement will be given a distinguishing version number. The Program (including Contributions) may always be distributed subject to the version of the Agreement under which it was received. In addition, after a new version of the Agreement is published, Contributor may elect to distribute the Program (including its Contributions) under the new version.

Except as expressly stated in Sections 2(a) and 2(b) above, Recipient receives no rights or licenses to the intellectual property of any Contributor under this Agreement, whether expressly, by implication, estoppel or otherwise. All rights in the Program not expressly granted under this Agreement are reserved. Nothing in this Agreement is intended to be enforceable by any entity that is not a Contributor or Recipient. No third-party beneficiary rights are created under this Agreement.

This Agreement is governed by the laws of the State of New York and the intellectual property laws of the United States of America. No party to this Agreement will bring a legal action under this Agreement more than one year after the cause of action arose. Each party waives its rights to a jury trial in any resulting litigation.

#### Exhibit A – Form of Secondary Licenses Notice

"This Source Code may also be made available under the following Secondary Licenses when the conditions for such availability set forth in the Eclipse Public License, v. 2.0 are satisfied: {name license(s), version(s), and exceptions or additional permissions here}."

Simply including a copy of this Agreement, including this Exhibit A is not sufficient to license the Source Code under Secondary Licenses.

If it is not possible or desirable to put the notice in a particular file, then You may include the notice in a location (such as a LICENSE file in a relevant directory) where a recipient would be likely to look for such a notice.

You may add additional accurate notices of copyright ownership.

# COMMON DEVELOPMENT AND DISTRIBUTION LICENSE Version 1.1

## COMMON DEVELOPMENT AND DISTRIBUTION LICENSE Version 1.1 (CDDL-1.1)

### 1. Definitions.

- **1.1. Contributor** means each individual or entity that creates or contributes to the creation of Modifications.
- **1.2. Contributor Version** means the combination of the Original Software, prior Modifications used by a Contributor (if any), and the Modifications made by that particular Contributor.
- **1.3. Covered Software** means (a) the Original Software, or (b) Modifications, or (c) the combination of files containing Original Software with files containing Modifications, in each case including portions thereof.
- **1.4. Executable** means the Covered Software in any form other than Source Code.
- **1.5. Initial Developer** means the individual or entity that first makes Original Software available under this License.
- **1.6. Larger Work** means a work which combines Covered Software or portions thereof with code not governed by the terms of this License.
- **1.7. License** means this document.
- **1.8. Licensable** means having the right to grant, to the maximum extent possible, whether at the time of the initial grant or subsequently acquired, any and all of the rights conveyed herein.
- **1.9. Modifications** means the Source Code and Executable form of any of the following:
  - **A.** Any file that results from an addition to, deletion from or modification of the contents of a file containing Original Software or previous Modifications;
  - **B.** Any new file that contains any part of the Original Software or previous Modification; or
  - **C.** Any new file that is contributed or otherwise made available under the terms of this License.
- **1.10. Original Software** means the Source Code and Executable form of computer software code that is originally released under this License.
- **1.11. Patent Claims** means any patent claim(s), now owned or hereafter acquired, including without limitation, method, process, and apparatus claims, in any patent Licensable by grantor.
- **1.12. Source Code** means (a) the common form of computer software code in which modifications are made and (b) associated documentation included in or with such code.
- **1.13. You (or Your)** means an individual or a legal entity exercising rights under, and complying with all of the terms of, this License. For legal entities, You includes any entity which controls, is controlled by, or is under common control with You. For purposes of this definition, control means (a) the power, direct or indirect, to cause the direction or



management of such entity, whether by contract or otherwise, or (b) ownership of more than fifty percent (50%) of the outstanding shares or beneficial ownership of such entity.

## 2. License Grants.

- **2.1. The Initial Developer Grant.** Conditioned upon Your compliance with Section 3.1 below and subject to third party intellectual property claims, the Initial Developer hereby grants You a world-wide, royalty-free, non-exclusive license:
  - (a) under intellectual property rights (other than patent or trademark) Licensable by Initial Developer, to use, reproduce, modify, display, perform, sublicense and distribute the Original Software (or portions thereof), with or without Modifications, and/or as part of a Larger Work; and
  - (b) under Patent Claims infringed by the making, using or selling of Original Software, to make, have made, use, practice, sell, and offer for sale, and/or otherwise dispose of the Original Software (or portions thereof).
  - (c) The licenses granted in Sections 2.1(a) and (b) are effective on the date Initial Developer first distributes or otherwise makes the Original Software available to a third party under the terms of this License.
  - (d) Notwithstanding Section 2.1(b) above, no patent license is granted: (1) for code that You delete from the Original Software, or (2) for infringements caused by: (i) the modification of the Original Software, or (ii) the combination of the Original Software with other software or devices.
- **2.2. Contributor Grant.**

Conditioned upon Your compliance with Section 3.1 below and subject to third party intellectual property claims, each Contributor hereby grants You a world-wide, royalty-free, non-exclusive license:

- (a) under intellectual property rights (other than patent or trademark) Licensable by Contributor to use, reproduce, modify, display, perform, sublicense and distribute the Modifications created by such Contributor (or portions thereof), either on an unmodified basis, with other Modifications, as Covered Software and/or as part of a Larger Work; and
- (b) under Patent Claims infringed by the making, using, or selling of Modifications made by that Contributor either alone and/or in combination with its Contributor Version (or portions of such combination), to make, use, sell, offer for sale, have made, and/or otherwise dispose of: (1) Modifications made by that Contributor (or portions thereof); and (2) the combination of Modifications made by that Contributor with its Contributor Version (or portions of such combination).
- (c) The licenses granted in Sections 2.2(a) and 2.2(b) are effective on the date Contributor first distributes or otherwise makes the Modifications available to a third party.
- (d) Notwithstanding Section 2.2(b) above, no patent license is granted: (1) for any code that Contributor has deleted from the Contributor Version; (2) for infringements caused by: (i) third party modifications of Contributor Version, or (ii) the combination of Modifications made by that Contributor with other software (except as part of the Contributor Version) or other devices; or (3) under Patent Claims infringed by Covered Software in the absence of Modifications made by that Contributor.

## 3. Distribution Obligations.

- **3.1. Availability of Source Code.**

Any Covered Software that You distribute or otherwise make available in Executable form must also be made available in Source Code form and that Source Code form must be distributed only under the terms of this License. You must include a copy of this License with every copy of the Source Code form of the Covered Software You distribute or otherwise make available.

You must inform recipients of any such Covered Software in Executable form as to how they can obtain such Covered Software in Source Code form in a reasonable manner on or through a medium customarily used for software exchange.

- **3.2. Modifications.**

The Modifications that You create or to which You contribute are governed by the terms of this License. You represent that You believe Your Modifications are Your original creation(s) and/or You have sufficient rights to grant the rights conveyed by this License.

- **3.3. Required Notices.**

You must include a notice in each of Your Modifications that identifies You as the Contributor of the Modification. You may not remove or alter any copyright, patent or trademark notices contained within the Covered Software, or any notices of licensing or any descriptive text giving attribution to any Contributor or the Initial Developer.

- **3.4. Application of Additional Terms.**

You may not offer or impose any terms on any Covered Software in Source Code form that alters or restricts the applicable version of this License or the recipients rights hereunder. You may choose to offer, and to charge a fee for, warranty, support, indemnity or liability obligations to one or more recipients of Covered Software. However, you may do so only on Your own behalf, and not on behalf of the Initial Developer or any Contributor. You must make it absolutely clear that any such warranty, support, indemnity or liability obligation is offered by You alone, and You hereby agree to indemnify the Initial Developer and every Contributor for any liability incurred by the Initial Developer or such Contributor as a result of warranty, support, indemnity or liability terms You offer.

- **3.5. Distribution of Executable Versions.**

You may distribute the Executable form of the Covered Software under the terms of this License or under the terms of a license of Your choice, which may contain terms different from this License, provided that You are in compliance with the terms of this License and that the license for the Executable form does not attempt to limit or alter the recipients rights in the Source Code form from the rights set forth in this License. If You distribute the Covered Software in Executable form under a different license, You must make it absolutely clear that any terms which differ from this License are offered by You alone, not by the Initial Developer or Contributor. You hereby agree to indemnify the Initial Developer and every Contributor for any liability incurred by the Initial Developer or such Contributor as a result of any such terms You offer.

- **3.6. Larger Works.**

You may create a Larger Work by combining Covered Software with other code not governed by the terms of this License and distribute the Larger Work as a single product. In such a case, You must make sure the requirements of this License are fulfilled for the Covered Software.

## **4. Versions of the License.**

- **4.1. New Versions.**

Sun Microsystems, Inc. is the initial license steward and may publish revised and/or new versions of this License from time to time. Each version will be given a distinguishing version number. Except as provided in Section 4.3, no one other than the license steward has the right to modify this License.

- **4.2. Effect of New Versions.**

You may always continue to use, distribute or otherwise make the Covered Software available under the terms of the version of the License under which You originally received the Covered Software. If the Initial Developer includes a notice in the Original Software prohibiting it from

being distributed or otherwise made available under any subsequent version of the License, You must distribute and make the Covered Software available under the terms of the version of the License under which You originally received the Covered Software. Otherwise, You may also choose to use, distribute or otherwise make the Covered Software available under the terms of any subsequent version of the License published by the license steward.

- **4.3. Modified Versions.**

When You are an Initial Developer and You want to create a new license for Your Original Software, You may create and use a modified version of this License if You: (a) rename the license and remove any references to the name of the license steward (except to note that the license differs from this License); and (b) otherwise make it clear that the license contains terms which differ from this License.

## **5. DISCLAIMER OF WARRANTY.**

COVERED SOFTWARE IS PROVIDED UNDER THIS LICENSE ON AN AS IS BASIS, WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, WITHOUT LIMITATION, WARRANTIES THAT THE COVERED SOFTWARE IS FREE OF DEFECTS, MERCHANTABLE, FIT FOR A PARTICULAR PURPOSE OR NON-INFRINGEMENT. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE COVERED SOFTWARE IS WITH YOU. SHOULD ANY COVERED SOFTWARE PROVE DEFECTIVE IN ANY RESPECT, YOU (NOT THE INITIAL DEVELOPER OR ANY OTHER CONTRIBUTOR) ASSUME THE COST OF ANY NECESSARY SERVICING, REPAIR OR CORRECTION. THIS DISCLAIMER OF WARRANTY CONSTITUTES AN ESSENTIAL PART OF THIS LICENSE. NO USE OF ANY COVERED SOFTWARE IS AUTHORIZED HEREUNDER EXCEPT UNDER THIS DISCLAIMER.

## **6. TERMINATION.**

- **6.1.** This License and the rights granted hereunder will terminate automatically if You fail to comply with terms herein and fail to cure such breach within 30 days of becoming aware of the breach. Provisions which, by their nature, must remain in effect beyond the termination of this License shall survive.
- **6.2.** If You assert a patent infringement claim (excluding declaratory judgment actions) against Initial Developer or a Contributor (the Initial Developer or Contributor against whom You assert such claim is referred to as Participant) alleging that the Participant Software (meaning the Contributor Version where the Participant is a Contributor or the Original Software where the Participant is the Initial Developer) directly or indirectly infringes any patent, then any and all rights granted directly or indirectly to You by such Participant, the Initial Developer (if the Initial Developer is not the Participant) and all Contributors under Sections 2.1 and/or 2.2 of this License shall, upon 60 days notice from Participant terminate prospectively and automatically at the expiration of such 60 day notice period, unless if within such 60 day period You withdraw Your claim with respect to the Participant Software against such Participant either unilaterally or pursuant to a written agreement with Participant.

**6.3.** In the event of termination under Sections 6.1 or 6.2 above, all end user licenses that have been validly granted by You or any distributor hereunder prior to termination (excluding licenses granted to You by any distributor) shall survive termination.

## **7. LIMITATION OF LIABILITY.**

UNDER NO CIRCUMSTANCES AND UNDER NO LEGAL THEORY, WHETHER TORT (INCLUDING NEGLIGENCE), CONTRACT, OR OTHERWISE, SHALL YOU, THE INITIAL DEVELOPER, ANY OTHER CONTRIBUTOR, OR ANY DISTRIBUTOR OF COVERED SOFTWARE, OR ANY SUPPLIER OF ANY OF SUCH PARTIES, BE LIABLE TO ANY PERSON FOR ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES OF ANY CHARACTER INCLUDING, WITHOUT LIMITATION, DAMAGES FOR LOST

PROFITS, LOSS OF GOODWILL, WORK STOPPAGE, COMPUTER FAILURE OR MALFUNCTION, OR ANY AND ALL OTHER COMMERCIAL DAMAGES OR LOSSES, EVEN IF SUCH PARTY SHALL HAVE BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. THIS LIMITATION OF LIABILITY SHALL NOT APPLY TO LIABILITY FOR DEATH OR PERSONAL INJURY RESULTING FROM SUCH PARTY'S NEGLIGENCE TO THE EXTENT APPLICABLE LAW PROHIBITS SUCH LIMITATION. SOME JURISDICTIONS DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THIS EXCLUSION AND LIMITATION MAY NOT APPLY TO YOU.

#### **8. U.S. GOVERNMENT END USERS.**

The Covered Software is a commercial item, as that term is defined in 48 C.F.R. 2.101 (Oct. 1995), consisting of commercial computer software (as that term is defined at 48 C.F.R. 252.227-7014(a)(1)) and commercial computer software documentation as such terms are used in 48 C.F.R. 12.212 (Sept. 1995). Consistent with 48 C.F.R. 12.212 and 48 C.F.R. 227.7202-1 through 227.7202-4 (June 1995), all U.S. Government End Users acquire Covered Software with only those rights set forth herein. This U.S. Government Rights clause is in lieu of, and supersedes, any other FAR, DFAR, or other clause or provision that addresses Government rights in computer software under this License.

#### **9. MISCELLANEOUS.**

This License represents the complete agreement concerning subject matter hereof. If any provision of this License is held to be unenforceable, such provision shall be reformed only to the extent necessary to make it enforceable. This License shall be governed by the law of the jurisdiction specified in a notice contained within the Original Software (except to the extent applicable law, if any, provides otherwise), excluding such jurisdictions conflict-of-law provisions. Any litigation relating to this License shall be subject to the jurisdiction of the courts located in the jurisdiction and venue specified in a notice contained within the Original Software, with the losing party responsible for costs, including, without limitation, court costs and reasonable attorneys fees and expenses. The application of the United Nations Convention on Contracts for the International Sale of Goods is expressly excluded. Any law or regulation which provides that the language of a contract shall be construed against the drafter shall not apply to this License. You agree that You alone are responsible for compliance with the United States export administration regulations (and the export control laws and regulation of any other countries) when You use, distribute or otherwise make available any Covered Software.

#### **10. RESPONSIBILITY FOR CLAIMS.**

As between Initial Developer and the Contributors, each party is responsible for claims and damages arising, directly or indirectly, out of its utilization of rights under this License and You agree to work with Initial Developer and Contributors to distribute such responsibility on an equitable basis. Nothing herein is intended or shall be deemed to constitute any admission of liability.

# Apple Public Source License Version 2.0 - August 6, 2003

## APPLE PUBLIC SOURCE LICENSE Version 2.0 - August 6, 2003

Please read this License carefully before downloading this software. By downloading or using this software, you are agreeing to be bound by the terms of this License. If you do not or cannot agree to the terms of this License, please do not download or use the software.

Apple Note: In January 2007, Apple changed its corporate name from "Apple Computer, Inc." to "Apple Inc." This change has been reflected below and copyright years updated, but no other changes have been made to the APSL 2.0.

1. General; Definitions. This License applies to any program or other work which Apple Inc. ("Apple") makes publicly available and which contains a notice placed by Apple identifying such program or work as "Original Code" and stating that it is subject to the terms of this Apple Public Source License version 2.0 ("License"). As used in this License:

1.1 "Applicable Patent Rights" mean: (a) in the case where Apple is the grantor of rights, (i) claims of patents that are now or hereafter acquired, owned by or assigned to Apple and (ii) that cover subject matter contained in the Original Code, but only to the extent necessary to use, reproduce and/or distribute the Original Code without infringement; and (b) in the case where You are the grantor of rights, (i) claims of patents that are now or hereafter acquired, owned by or assigned to You and (ii) that cover subject matter in Your Modifications, taken alone or in combination with Original Code.

1.2 "Contributor" means any person or entity that creates or contributes to the creation of Modifications.

1.3 "Covered Code" means the Original Code, Modifications, the combination of Original Code and any Modifications, and/or any respective portions thereof.

1.4 "Externally Deploy" means: (a) to sublicense, distribute or otherwise make Covered Code available, directly or indirectly, to anyone other than You; and/or (b) to use Covered Code, alone or as part of a Larger Work, in any way to provide a service, including but not limited to delivery of content, through electronic communication with a client other than You.

1.5 "Larger Work" means a work which combines Covered Code or portions thereof with code not governed by the terms of this License.

1.6 "Modifications" mean any addition to, deletion from, and/or change to, the substance and/or structure of the Original Code, any previous Modifications, the combination of Original Code and any previous Modifications, and/or any respective portions thereof. When code is released as a series of files, a Modification is: (a) any addition to or deletion from the contents of a file containing Covered Code; and/or (b) any new file or other representation of computer program statements that contains any part of Covered Code.

1.7 "Original Code" means (a) the Source Code of a program or other work as originally made available by Apple under this License, including the Source Code of any updates or upgrades to such programs or works made available by Apple under this License, and that has been expressly identified by Apple as such in the header file(s) of such work; and (b) the object code compiled from such Source Code and originally made available by Apple under this License

1.8 "Source Code" means the human readable form of a program or other work that is suitable for making modifications to it, including all modules it contains, plus any associated interface definition files, scripts used to control compilation and installation of an executable (object code).

1.9 "You" or "Your" means an individual or a legal entity exercising rights under this License. For legal entities, "You" or "Your" includes any entity which controls, is controlled by, or is under common control with, You, where "control" means (a) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (b) ownership of fifty percent (50%) or more of the outstanding shares or beneficial ownership of such entity.

2. Permitted Uses; Conditions & Restrictions. Subject to the terms and conditions of this License, Apple hereby grants You, effective on the date You accept this License and download the Original Code, a world-wide, royalty-free, non-exclusive license, to the extent of Apple's Applicable Patent Rights and copyrights covering the Original Code, to do the following:

2.1 Unmodified Code. You may use, reproduce, display, perform, internally distribute within Your organization, and Externally Deploy verbatim, unmodified copies of the Original Code, for commercial or non-commercial purposes, provided that in each instance: (a) You must retain and reproduce in all copies of Original Code the copyright and other proprietary notices and disclaimers of Apple as they appear in the Original Code, and keep intact all notices in the Original Code that refer to this License; and (b) You must include a copy of this License with every copy of Source Code of Covered Code and documentation You distribute or Externally Deploy, and You may not offer or impose any terms on such Source Code that alter or restrict this License or the recipients' rights hereunder, except as permitted under Section 6.

2.2 Modified Code. You may modify Covered Code and use, reproduce, display, perform, internally distribute within Your organization, and Externally Deploy Your Modifications and Covered Code, for commercial or non-commercial purposes, provided that in each instance You also meet all of these conditions:

(a) You must satisfy all the conditions of Section 2.1 with respect to the Source Code of the Covered Code;

(b) You must duplicate, to the extent it does not already exist, the notice in Exhibit A in each file of the Source Code of all Your Modifications, and cause the modified files to carry prominent notices stating that You changed the files and the date of any change; and

(c) If You Externally Deploy Your Modifications, You must make Source Code of all Your Externally Deployed Modifications either available to those to whom You have Externally Deployed Your Modifications, or publicly available. Source Code of Your Externally Deployed Modifications must be released under the terms set forth in this License, including the license grants set forth in Section 3 below, for as long as you Externally Deploy the Covered Code or twelve (12) months from the date of initial External Deployment, whichever is longer. You should preferably distribute the Source Code of Your Externally Deployed Modifications electronically (e.g. download from a web site).

2.3 Distribution of Executable Versions. In addition, if You Externally Deploy Covered Code (Original Code and/or Modifications) in object code, executable form only, You must include a prominent notice, in the code itself as well as in related documentation, stating that Source Code of the Covered Code is available under the terms of this License with information on how and where to obtain such Source Code.

2.4 Third Party Rights. You expressly acknowledge and agree that although Apple and each Contributor grants the licenses to their respective portions of the Covered Code set forth herein, no assurances are provided by Apple or any Contributor that the Covered Code does not infringe the patent or other intellectual property rights of any other entity. Apple and each Contributor disclaim any liability to You for claims brought by any other entity based on infringement of intellectual property rights or otherwise. As a condition to exercising the rights



and licenses granted hereunder, You hereby assume sole responsibility to secure any other intellectual property rights needed, if any. For example, if a third party patent license is required to allow You to distribute the Covered Code, it is Your responsibility to acquire that license before distributing the Covered Code.

3. Your Grants. In consideration of, and as a condition to, the licenses granted to You under this License, You hereby grant to any person or entity receiving or distributing Covered Code under this License a non-exclusive, royalty-free, perpetual, irrevocable license, under Your Applicable Patent Rights and other intellectual property rights (other than patent) owned or controlled by You, to use, reproduce, display, perform, modify, sublicense, distribute and Externally Deploy Your Modifications of the same scope and extent as Apple's licenses under Sections 2.1 and 2.2 above.

4. Larger Works. You may create a Larger Work by combining Covered Code with other code not governed by the terms of this License and distribute the Larger Work as a single product. In each such instance, You must make sure the requirements of this License are fulfilled for the Covered Code or any portion thereof.

5. Limitations on Patent License. Except as expressly stated in Section 2, no other patent rights, express or implied, are granted by Apple herein. Modifications and/or Larger Works may require additional patent licenses from Apple which Apple may grant in its sole discretion.

6. Additional Terms. You may choose to offer, and to charge a fee for, warranty, support, indemnity or liability obligations and/or other rights consistent with the scope of the license granted herein ("Additional Terms") to one or more recipients of Covered Code. However, You may do so only on Your own behalf and as Your sole responsibility, and not on behalf of Apple or any Contributor. You must obtain the recipient's agreement that any such Additional Terms are offered by You alone, and You hereby agree to indemnify, defend and hold Apple and every Contributor harmless for any liability incurred by or claims asserted against Apple or such Contributor by reason of any such Additional Terms.

7. Versions of the License. Apple may publish revised and/or new versions of this License from time to time. Each version will be given a distinguishing version number. Once Original Code has been published under a particular version of this License, You may continue to use it under the terms of that version. You may also choose to use such Original Code under the terms of any subsequent version of this License published by Apple. No one other than Apple has the right to modify the terms applicable to Covered Code created under this License.

8. NO WARRANTY OR SUPPORT. The Covered Code may contain in whole or in part pre-release, untested, or not fully tested works. The Covered Code may contain errors that could cause failures or loss of data, and may be incomplete or contain inaccuracies. You expressly acknowledge and agree that use of the Covered Code, or any portion thereof, is at Your sole and entire risk.

THE COVERED CODE IS PROVIDED "AS IS" AND WITHOUT WARRANTY, UPGRADES OR SUPPORT OF ANY KIND AND APPLE AND APPLE'S LICENSOR(S) (COLLECTIVELY REFERRED TO AS "APPLE" FOR THE PURPOSES OF SECTIONS 8 AND 9) AND ALL CONTRIBUTORS EXPRESSLY DISCLAIM ALL WARRANTIES AND/OR CONDITIONS, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES AND/OR CONDITIONS OF MERCHANTABILITY, OF SATISFACTORY QUALITY, OF FITNESS FOR A PARTICULAR PURPOSE, OF ACCURACY, OF QUIET ENJOYMENT, AND NONINFRINGEMENT OF THIRD PARTY RIGHTS. APPLE AND EACH CONTRIBUTOR DOES NOT WARRANT AGAINST INTERFERENCE WITH YOUR ENJOYMENT OF THE COVERED CODE, THAT THE FUNCTIONS CONTAINED IN THE COVERED CODE WILL MEET YOUR REQUIREMENTS, THAT THE OPERATION OF THE COVERED CODE WILL BE UNINTERRUPTED OR ERROR-FREE, OR THAT DEFECTS IN THE COVERED CODE WILL BE CORRECTED. NO ORAL OR WRITTEN INFORMATION OR ADVICE GIVEN BY

APPLE, AN APPLE AUTHORIZED REPRESENTATIVE OR ANY CONTRIBUTOR SHALL CREATE A WARRANTY.

You acknowledge that the Covered Code is not intended for use in the operation of nuclear facilities, aircraft navigation, communication systems, or air traffic control machines in which case the failure of the Covered Code could lead to death, personal injury, or severe physical or environmental damage.

9. LIMITATION OF LIABILITY. TO THE EXTENT NOT PROHIBITED BY LAW, IN NO EVENT SHALL APPLE OR ANY CONTRIBUTOR BE LIABLE FOR ANY INCIDENTAL, SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES ARISING OUT OF OR RELATING TO THIS LICENSE OR YOUR USE OR INABILITY TO USE THE COVERED CODE, OR ANY PORTION THEREOF, WHETHER UNDER A THEORY OF CONTRACT, WARRANTY, TORT (INCLUDING NEGLIGENCE), PRODUCTS LIABILITY OR OTHERWISE, EVEN IF APPLE OR SUCH CONTRIBUTOR HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES AND NOTWITHSTANDING THE FAILURE OF ESSENTIAL PURPOSE OF ANY REMEDY. SOME JURISDICTIONS DO NOT ALLOW THE LIMITATION OF LIABILITY OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THIS LIMITATION MAY NOT APPLY TO YOU. In no event shall Apple's total liability to You for all damages (other than as may be required by applicable law) under this License exceed the amount of fifty dollars (\$50.00).

10. Trademarks. This License does not grant any rights to use the trademarks or trade names "Apple", "Mac", "Mac OS", "QuickTime", "QuickTime Streaming Server" or any other trademarks, service marks, logos or trade names belonging to Apple (collectively "Apple Marks") or to any trademark, service mark, logo or trade name belonging to any Contributor. You agree not to use any Apple Marks in or as part of the name of products derived from the Original Code or to endorse or promote products derived from the Original Code other than as expressly permitted by and in strict compliance at all times with Apple's third party trademark usage guidelines which are posted at <http://www.apple.com/legal/guidelinesfor3rdparties.html>.

11. Ownership. Subject to the licenses granted under this License, each Contributor retains all rights, title and interest in and to any Modifications made by such Contributor. Apple retains all rights, title and interest in and to the Original Code and any Modifications made by or on behalf of Apple ("Apple Modifications"), and such Apple Modifications will not be automatically subject to this License. Apple may, at its sole discretion, choose to license such Apple Modifications under this License, or on different terms from those contained in this License or may choose not to license them at all.

12.1 Termination. This License and the rights granted hereunder will terminate:

(a) automatically without notice from Apple if You fail to comply with any term(s) of this License and fail to cure such breach within 30 days of becoming aware of such breach;

(b) immediately in the event of the circumstances described in Section 13.5(b); or (c) automatically without notice from Apple if You, at any time during the term of this License, commence an action for patent infringement against Apple; provided that Apple did not first commence an action for patent infringement against You in that instance.

12.2 Effect of Termination. Upon termination, You agree to immediately stop any further use, reproduction, modification, sublicensing and distribution of the Covered Code. All sublicenses to the Covered Code which have been properly granted prior to termination shall survive any termination of this License. Provisions which, by their nature, should remain in effect beyond the termination of this License shall survive, including but not limited to Sections 3, 5, 8, 9, 10, 11, 12.2 and 13. No party will be liable to any other for compensation, indemnity or damages of any sort solely as a result of terminating this License in accordance with its terms, and termination of this License will be without prejudice to any other right or remedy of any party.

13. Miscellaneous.



13.1 Government End Users. The Covered Code is a "commercial item" as defined in FAR 2.101. Government software and technical data rights in the Covered Code include only those rights customarily provided to the public as defined in this License. This customary commercial license in technical data and software is provided in accordance with FAR 12.211 (Technical Data) and 12.212 (Computer Software) and, for Department of Defense purchases, DFAR 252.227-7015 (Technical Data -- Commercial Items) and 227.7202-3 (Rights in Commercial Computer Software or Computer Software Documentation). Accordingly, all U.S. Government End Users acquire Covered Code with only those rights set forth herein.

13.2 Relationship of Parties. This License will not be construed as creating an agency, partnership, joint venture or any other form of legal association between or among You, Apple or any Contributor, and You will not represent to the contrary, whether expressly, by implication, appearance or otherwise.

13.3 Independent Development. Nothing in this License will impair Apple's right to acquire, license, develop, have others develop for it, market and/or distribute technology or products that perform the same or similar functions as, or otherwise compete with, Modifications, Larger Works, technology or products that You may develop, produce, market or distribute.

13.4 Waiver; Construction. Failure by Apple or any Contributor to enforce any provision of this License will not be deemed a waiver of future enforcement of that or any other provision. Any law or regulation which provides that the language of a contract shall be construed against the drafter will not apply to this License.

13.5 Severability. (a) If for any reason a court of competent jurisdiction finds any provision of this License, or portion thereof, to be unenforceable, that provision of the License will be enforced to the maximum extent permissible so as to effect the economic benefits and intent of the parties, and the remainder of this License will continue in full force and effect. (b) Notwithstanding the foregoing, if applicable law prohibits or restricts You from fully and/or specifically complying with Sections 2 and/or 3 or prevents the enforceability of either of those Sections, this License will immediately terminate and You must immediately discontinue any use of the Covered Code and destroy all copies of it that are in your possession or control.

13.6 Dispute Resolution. Any litigation or other dispute resolution between You and Apple relating to this License shall take place in the Northern District of California, and You and Apple hereby consent to the personal jurisdiction of, and venue in, the state and federal courts within that District with respect to this License. The application of the United Nations Convention on Contracts for the International Sale of Goods is expressly excluded.

13.7 Entire Agreement; Governing Law. This License constitutes the entire agreement between the parties with respect to the subject matter hereof. This License shall be governed by the laws of the United States and the State of California, except that body of California law concerning conflicts of law.

Where You are located in the province of Quebec, Canada, the following clause applies: The parties hereby confirm that they have requested that this License and all related documents be drafted in English. Les parties ont exigé que le présent contrat et tous les documents connexes soient rédigés en anglais.

EXHIBIT A.

"Portions Copyright (c) 1999-2007 Apple Inc. All Rights Reserved.

This file contains Original Code and/or Modifications of Original Code as defined in and that are subject to the Apple Public Source License Version 2.0 (the 'License'). You may not use this file except in compliance with the License. Please obtain a copy of the License at <http://www.opensource.apple.com/apsl/> and read it before using this file.

The Original Code and all software distributed under the License are distributed on an 'AS IS' basis, WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, AND APPLE

HEREBY DISCLAIMS ALL SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, ANY WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, QUIET ENJOYMENT OR NON-INFRINGEMENT. Please see the License for the specific language governing rights and limitations under the License."

# AB.1 OpenLDAP Licence

Redistribution and use of this software and associated documentation ("Software"), with or without modification, are permitted provided that the following conditions are met:

1. Redistributions in source form must retain copyright statements and notices,
2. Redistributions in binary form must reproduce applicable copyright statements and notices, this list of conditions, and the following disclaimer in the documentation and/or other materials provided with the distribution, and
3. Redistributions must contain a verbatim copy of this document.

The OpenLDAP Foundation may revise this license from time to time.

Each revision is distinguished by a version number. You may use this Software under terms of this license revision or under the terms of any subsequent revision of the license.

THIS SOFTWARE IS PROVIDED BY THE OPENLDAP FOUNDATION AND ITS CONTRIBUTORS ``AS IS" AND ANY EXPRESSED OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE OPENLDAP FOUNDATION, ITS CONTRIBUTORS, OR THE AUTHOR(S) OR OWNER(S) OF THE SOFTWARE BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

The names of the authors and copyright holders must not be used in advertising or otherwise to promote the sale, use or other dealing in this Software without specific, written prior permission. Title to copyright in this Software shall at all times remain with copyright

---

holders.

OpenLDAP is a registered trademark of the OpenLDAP Foundation.

# AC.1 Universal Permissive License (UPL)

The Universal Permissive License (UPL), Version 1.0

Subject to the condition set forth below, permission is hereby granted to any person obtaining a copy of this software, associated documentation and/or data (collectively the "Software"), free of charge and under any and all copyright rights in the Software, and any and all patent rights owned or freely licensable by each licensor hereunder covering either (i) the unmodified Software as contributed to or provided by such licensor, or (ii) the Larger Works (as defined below),

to deal in both

(a) the Software, and (b) any piece of software and/or hardware listed in the lrgwrks.txt file if one is included with the Software (each a Larger Work to which the Software is contributed by such licensors),

without restriction, including without limitation the rights to copy, create derivative works of, display, perform, and distribute the Software and make, use, sell, offer for sale, import, export, have made, and have sold the Software and the Larger Work(s), and to sublicense the foregoing rights

on either these or other terms.

This license is subject to the following condition:

The above copyright notice and either this complete permission notice or at a minimum a reference

to the UPL must be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT

LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT.

IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY,

WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH

THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

-----

DO NOT TRANSLATE OR LOCALIZE.

---

\*\*\*\*\*

Oracle elects to use only the GNU Lesser General Public License version 2.1 (LGPL) for any software where a choice of LGPL/GPL license versions are made available with the language indicating that LGPLv2.1/GPLv2 or any later version may be used, or where a choice of which version of the LGPL/GPL is applied is unspecified.

\*\*\*\*\*

#### THIRD-PARTY COMPONENT FILE LICENSE

(path in the installation) (see license text reproduced below)

-----

js/libs/chai/chai MIT  
js/libs/hammer/hammer MIT  
js/libs/js-signals/signals. MIT  
js/libs/jquery/jquery MIT  
js/libs/jquery/jquery-ui.custom. MIT  
js/libs/jquery/jqueryui-amd/core MIT  
js/libs/jquery/jqueryui-amd/draggable MIT  
js/libs/jquery/jqueryui-amd/mouse MIT  
js/libs/jquery/jqueryui-amdposition MIT  
js/libs/jquery/jqueryui-amd/sortable MIT  
js/libs/jquery/jqueryui-amd/widget MIT  
js/libs/knockout/knockout MIT  
js/libs/knockout/knockout-mapping-latest.js MIT  
js/libs/oj/v14.1.2/min/ojcspexpressionevaluator (cspexpressionevaluator.js) MIT  
js/libs/oj/v14.1.2/min/ojexpparser MIT  
js/libs/oj/v14.1.2/min/ojknockout MIT  
js/libs/oj/v14.1.2/min/ojselectcombobox. Apache 2.0  
js/libs/oj/v14.1.2/ojtree MIT  
js/libs/oj/v14.1.2/ojL10n MIT  
js/libs/proj4js/dist/proj4 Proj4js  
js/libs/require/require MIT  
js/libs/require/text MIT  
js/libs/require-css/css.min MIT

---

scss/oj/v14.1.2/3rdparty/normalize/normalize.scss MIT

js/libs/touchr/touchr.js MIT

js/libs/preact/dist/preact.umd.js MIT

Chai

<https://github.com/chaijs/chai>

Copyright (c) 2017 Chai.js Assertion Library

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR

IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE

AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER

LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM,

OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE

SOFTWARE.

expression-eval

<https://github.com/donmccurdy/expression-eval>

Copyright (c) 2017 Don McCurdy

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell

---

copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

jsep -

<https://github.com/soney/jsep>

Copyright (c) 2013 Stephen Oney, <https://ericsmekens.github.io/jsep/>

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE



---

LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

Knockout Fast Foreach

By: Brian M Hunt (C) 2015 | License: MIT

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE

LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

proj4js

<http://proj4js.org/>

Copyright (C) 2014 Mike Adair, Richard Greenwood, Didier Richard, Stephen Irons, Olivier Terral and Calvin Metcalf;

Licensed under the Proj4js license

require-css

<https://github.com/guybedford/require-css>

Copyright (C) 2013 Guy Bedford

---

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

Hammer.JS

<http://hammerjs.github.io/>

Copyright (C) 2011-2017 by Jorik Tangelder (Eight Media)

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

Foundation Responsive Library

<http://foundation.zurb.com>

Copyright 2014, ZURB

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is

---

furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

Normalize.scss

Copyright Â© Nicolas Gallagher and Jonathan Neal

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

RequireJS i18n

<http://github.com/requirejs/i18n> for details

Copyright (c) 2010-2011, The Dojo Foundation

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal

---

in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

jsTree <http://jstree.com/>

Copyright (c) 2012 Ivan Bozhanov (<http://vakata.com>)

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER

---

LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM,

OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN

THE SOFTWARE.

select2.js

<https://github.com/select2/select2>

Copyright 2012 Igor Vaynberg

This software is licensed under the Apache License, Version 2.0 (the "Apache License") or the GNU

General Public License version 2 (the "GPL License"). You may choose either license to govern your use of this software only upon the condition that you accept all of the terms of either the Apache License or the GPL License.

You may obtain a copy of the Apache License and the GPL License at:

<http://www.apache.org/licenses/LICENSE-2.0>

<http://www.gnu.org/licenses/gpl-2.0.html>

Unless required by applicable law or agreed to in writing, software distributed under the

Apache License or the GPL License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR

CONDITIONS OF ANY KIND, either express or implied. See the Apache License and the GPL License for

the specific language governing permissions and limitations under the Apache License and the GPL License.

jQuery UI -

<http://jqueryui.com>

Includes: core.js, widget.js, mouse.js, position.js, draggable.js, sortable.js

Permission is hereby granted, free of charge, to any person obtaining

a copy of this software and associated documentation files (the

"Software"), to deal in the Software without restriction, including

without limitation the rights to use, copy, modify, merge, publish,

distribute, sublicense, and/or sell copies of the Software, and to

permit persons to whom the Software is furnished to do so, subject to

the following conditions:

---

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

jQuery JavaScript Library

<http://jquery.com/>

Copyright OpenJS Foundation and other contributors, <https://openjsf.org/>

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

JS Signals <<http://millermedeiros.github.com/js-signals/>>

---

Author: Miller Medeiros

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

RequireJS text

<http://github.com/requirejs/text>

Copyright jQuery Foundation and other contributors, <https://jquery.org/>

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND,

---

EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

RequireJS

<http://github.com/jrburke/requirejs>

Copyright jQuery Foundation and other contributors, <https://jquery.org/>

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

Knockout JavaScript library

Copyright (c) 2010 Steven Sanderson, the Knockout.js team, and other contributors

<http://knockoutjs.com/>

Permission is hereby granted, free of charge, to any person obtaining a copy



---

of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

Preact

---

# AD.1 Eclipse Parsson

Eclipse Parsson (org.eclipse.parsson:parsson)

Copyright (c) 2011, 2023 Oracle and/or its affiliates. All rights reserved.

This program and the accompanying materials are made available under the terms of the Eclipse Public License v. 2.0, which is available at <http://www.eclipse.org/legal/epl-2.0>.

This Source Code may also be made available under the following Secondary Licenses when the conditions for such availability set forth in the Eclipse Public License v. 2.0 are satisfied: GNU General Public License, version 2 with the GNU Classpath Exception, which is available at <https://www.gnu.org/software/classpath/license.html>.

SPDX-License-Identifier: EPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0

-----

# Notices for Eclipse Parsson

This content is produced and maintained by the Eclipse Parsson project.

\* Project home: <https://projects.eclipse.org/projects/ee4j.parsson>

## Trademarks

Eclipse Parsson is a trademark of the Eclipse Foundation.

## Copyright

All content is the property of the respective authors or their employers. For more information regarding authorship of content, please consult the listed source code repository logs.

## Declared Project Licenses

This program and the accompanying materials are made available under the terms of the Eclipse Public License v. 2.0 which is available at <https://www.eclipse.org/legal/epl-2.0>.

SPDX-License-Identifier: EPL-2.0

---

## ## Source Code

The project maintains the following source code repositories:

\* <https://github.com/eclipse-ee4j/parsson>

## ## Third-party Content

This project leverages the following third party content.

None

## ## Cryptography

Content may contain encryption software. The country in which you are currently may have restrictions on the import, possession, and use, and/or re-export to another country, of encryption software. BEFORE using any encryption software, please check the country's laws, regulations and policies concerning the import, possession, or use, and re-export of encryption software, to see if this is permitted.

-----  
Eclipse Public License - v 2.0

THE ACCOMPANYING PROGRAM IS PROVIDED UNDER THE TERMS OF THIS ECLIPSE PUBLIC LICENSE ("AGREEMENT"). ANY USE, REPRODUCTION OR DISTRIBUTION OF THE PROGRAM CONSTITUTES RECIPIENT'S ACCEPTANCE OF THIS AGREEMENT.

### 1. DEFINITIONS

"Contribution" means:

a) in the case of the initial Contributor, the initial content  
Distributed under this Agreement, and

b) in the case of each subsequent Contributor:

- i) changes to the Program, and
- ii) additions to the Program;

where such changes and/or additions to the Program originate from and are Distributed by that particular Contributor. A Contribution "originates" from a Contributor if it was added to the Program by such Contributor itself or anyone acting on such Contributor's behalf.

---

Contributions do not include changes or additions to the Program that are not Modified Works.

"Contributor" means any person or entity that Distributes the Program.

"Licensed Patents" mean patent claims licensable by a Contributor which are necessarily infringed by the use or sale of its Contribution alone or when combined with the Program.

"Program" means the Contributions Distributed in accordance with this Agreement.

"Recipient" means anyone who receives the Program under this Agreement or any Secondary License (as applicable), including Contributors.

"Derivative Works" shall mean any work, whether in Source Code or other form, that is based on (or derived from) the Program and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship.

"Modified Works" shall mean any work in Source Code or other form that results from an addition to, deletion from, or modification of the contents of the Program, including, for purposes of clarity any new file in Source Code form that contains any contents of the Program. Modified Works shall not include works that contain only declarations, interfaces, types, classes, structures, or files of the Program solely in each case in order to link to, bind by name, or subclass the Program or Modified Works thereof.

"Distribute" means the acts of a) distributing or b) making available in any manner that enables the transfer of a copy.

"Source Code" means the form of a Program preferred for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Secondary License" means either the GNU General Public License, Version 2.0, or any later versions of that license, including any exceptions or additional permissions as identified by the initial

---

Contributor.

## 2. GRANT OF RIGHTS

a) Subject to the terms of this Agreement, each Contributor hereby grants Recipient a non-exclusive, worldwide, royalty-free copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, Distribute and sublicense the Contribution of such Contributor, if any, and such Derivative Works.

b) Subject to the terms of this Agreement, each Contributor hereby grants Recipient a non-exclusive, worldwide, royalty-free patent license under Licensed Patents to make, use, sell, offer to sell, import and otherwise transfer the Contribution of such Contributor, if any, in Source Code or other form. This patent license shall apply to the combination of the Contribution and the Program if, at the time the Contribution is added by the Contributor, such addition of the Contribution causes such combination to be covered by the Licensed Patents. The patent license shall not apply to any other combinations which include the Contribution. No hardware per se is licensed hereunder.

c) Recipient understands that although each Contributor grants the licenses to its Contributions set forth herein, no assurances are provided by any Contributor that the Program does not infringe the patent or other intellectual property rights of any other entity. Each Contributor disclaims any liability to Recipient for claims brought by any other entity based on infringement of intellectual property rights or otherwise. As a condition to exercising the rights and licenses granted hereunder, each Recipient hereby assumes sole responsibility to secure any other intellectual property rights needed, if any. For example, if a third party patent license is required to allow Recipient to Distribute the Program, it is Recipient's responsibility to acquire that license before distributing the Program.

d) Each Contributor represents that to its knowledge it has

---

sufficient copyright rights in its Contribution, if any, to grant the copyright license set forth in this Agreement.

e) Notwithstanding the terms of any Secondary License, no Contributor makes additional grants to any Recipient (other than those set forth in this Agreement) as a result of such Recipient's receipt of the Program under the terms of a Secondary License (if permitted under the terms of Section 3).

### 3. REQUIREMENTS

3.1 If a Contributor Distributes the Program in any form, then:

a) the Program must also be made available as Source Code, in accordance with section 3.2, and the Contributor must accompany the Program with a statement that the Source Code for the Program is available under this Agreement, and informs Recipients how to obtain it in a reasonable manner on or through a medium customarily used for software exchange; and

b) the Contributor may Distribute the Program under a license different than this Agreement, provided that such license:

i) effectively disclaims on behalf of all other Contributors all warranties and conditions, express and implied, including warranties or conditions of title and non-infringement, and implied warranties or conditions of merchantability and fitness for a particular purpose;

ii) effectively excludes on behalf of all other Contributors all liability for damages, including direct, indirect, special, incidental and consequential damages, such as lost profits;

iii) does not attempt to limit or alter the recipients' rights in the Source Code under section 3.2; and

iv) requires any subsequent distribution of the Program by any party to be under a license that satisfies the requirements of this section 3.

---

### 3.2 When the Program is Distributed as Source Code:

- a) it must be made available under this Agreement, or if the Program (i) is combined with other material in a separate file or files made available under a Secondary License, and (ii) the initial Contributor attached to the Source Code the notice described in Exhibit A of this Agreement, then the Program may be made available under the terms of such Secondary Licenses, and
- b) a copy of this Agreement must be included with each copy of the Program.

3.3 Contributors may not remove or alter any copyright, patent, trademark, attribution notices, disclaimers of warranty, or limitations of liability ("notices") contained within the Program from any copy of the Program which they Distribute, provided that Contributors may add their own appropriate notices.

## 4. COMMERCIAL DISTRIBUTION

Commercial distributors of software may accept certain responsibilities with respect to end users, business partners and the like. While this license is intended to facilitate the commercial use of the Program, the Contributor who includes the Program in a commercial product offering should do so in a manner which does not create potential liability for other Contributors. Therefore, if a Contributor includes the Program in a commercial product offering, such Contributor ("Commercial Contributor") hereby agrees to defend and indemnify every other Contributor ("Indemnified Contributor") against any losses, damages and costs (collectively "Losses") arising from claims, lawsuits and other legal actions brought by a third party against the Indemnified Contributor to the extent caused by the acts or omissions of such Commercial Contributor in connection with its distribution of the Program in a commercial product offering. The obligations in this section do not apply to any claims or Losses relating to any actual or alleged intellectual property infringement. In order to qualify, an Indemnified Contributor must: a) promptly notify the Commercial Contributor in

---

writing of such claim, and b) allow the Commercial Contributor to control, and cooperate with the Commercial Contributor in, the defense and any related settlement negotiations. The Indemnified Contributor may participate in any such claim at its own expense.

For example, a Contributor might include the Program in a commercial product offering, Product X. That Contributor is then a Commercial Contributor. If that Commercial Contributor then makes performance claims, or offers warranties related to Product X, those performance claims and warranties are such Commercial Contributor's responsibility alone. Under this section, the Commercial Contributor would have to defend claims against the other Contributors related to those performance claims and warranties, and if a court requires any other Contributor to pay any damages as a result, the Commercial Contributor must pay those damages.

## 5. NO WARRANTY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, AND TO THE EXTENT PERMITTED BY APPLICABLE LAW, THE PROGRAM IS PROVIDED ON AN "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, EITHER EXPRESS OR IMPLIED INCLUDING, WITHOUT LIMITATION, ANY WARRANTIES OR CONDITIONS OF TITLE, NON-INFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Each Recipient is solely responsible for determining the appropriateness of using and distributing the Program and assumes all risks associated with its exercise of rights under this Agreement, including but not limited to the risks and costs of program errors, compliance with applicable laws, damage to or loss of data, programs or equipment, and unavailability or interruption of operations.

## 6. DISCLAIMER OF LIABILITY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, AND TO THE EXTENT PERMITTED BY APPLICABLE LAW, NEITHER RECIPIENT NOR ANY CONTRIBUTORS SHALL HAVE ANY LIABILITY FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING WITHOUT LIMITATION LOST PROFITS), HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN



---

CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OR DISTRIBUTION OF THE PROGRAM OR THE EXERCISE OF ANY RIGHTS GRANTED HEREUNDER, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

## 7. GENERAL

If any provision of this Agreement is invalid or unenforceable under applicable law, it shall not affect the validity or enforceability of the remainder of the terms of this Agreement, and without further action by the parties hereto, such provision shall be reformed to the minimum extent necessary to make such provision valid and enforceable.

If Recipient institutes patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Program itself (excluding combinations of the Program with other software or hardware) infringes such Recipient's patent(s), then such Recipient's rights granted under Section 2(b) shall terminate as of the date such litigation is filed.

All Recipient's rights under this Agreement shall terminate if it fails to comply with any of the material terms or conditions of this Agreement and does not cure such failure in a reasonable period of time after becoming aware of such noncompliance. If all Recipient's rights under this Agreement terminate, Recipient agrees to cease use and distribution of the Program as soon as reasonably practicable. However, Recipient's obligations under this Agreement and any licenses granted by Recipient relating to the Program shall continue and survive.

Everyone is permitted to copy and distribute copies of this Agreement, but in order to avoid inconsistency the Agreement is copyrighted and may only be modified in the following manner. The Agreement Steward reserves the right to publish new versions (including revisions) of this Agreement from time to time. No one other than the Agreement Steward has the right to modify this Agreement. The Eclipse Foundation is the initial Agreement Steward. The Eclipse Foundation may assign the responsibility to serve as the Agreement Steward to a suitable separate

---

entity. Each new version of the Agreement will be given a distinguishing version number. The Program (including Contributions) may always be Distributed subject to the version of the Agreement under which it was received. In addition, after a new version of the Agreement is published, Contributor may elect to Distribute the Program (including its Contributions) under the new version.

Except as expressly stated in Sections 2(a) and 2(b) above, Recipient receives no rights or licenses to the intellectual property of any Contributor under this Agreement, whether expressly, by implication, estoppel or otherwise. All rights in the Program not expressly granted under this Agreement are reserved. Nothing in this Agreement is intended to be enforceable by any entity that is not a Contributor or Recipient. No third-party beneficiary rights are created under this Agreement.

#### Exhibit A - Form of Secondary Licenses Notice

"This Source Code may also be made available under the following Secondary Licenses when the conditions for such availability set forth in the Eclipse Public License, v. 2.0 are satisfied: {name license(s), version(s), and exceptions or additional permissions here}."

Simply including a copy of this Agreement, including this Exhibit A is not sufficient to license the Source Code under Secondary Licenses.

If it is not possible or desirable to put the notice in a particular file, then You may include the notice in a location (such as a LICENSE file in a relevant directory) where a recipient would be likely to look for such a notice.

You may add additional accurate notices of copyright ownership.

-----

#### GNU GENERAL PUBLIC LICENSE

Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.,  
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA

---

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

## Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Lesser General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain

---

that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

#### GNU GENERAL PUBLIC LICENSE

#### TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you

---

conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.

b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those

---

sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

- a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for

---

making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to

---

these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.



---

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY

FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN

OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED

---

OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING

WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES,

INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING

OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY

YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER

PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>

Copyright (C) <year> <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by

---

the Free Software Foundation; either version 2 of the License, or  
(at your option) any later version.

This program is distributed in the hope that it will be useful,  
but WITHOUT ANY WARRANTY; without even the implied warranty of  
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the  
GNU General Public License for more details.

You should have received a copy of the GNU General Public License along  
with this program; if not, write to the Free Software Foundation, Inc.,  
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA.

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this  
when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author  
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.  
This is free software, and you are welcome to redistribute it  
under certain conditions; type `show c' for details.

The hypothetical commands `show w' and `show c' should show the appropriate  
parts of the General Public License. Of course, the commands you use may  
be called something other than `show w' and `show c'; they could even be  
mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your  
school, if any, to sign a "copyright disclaimer" for the program, if  
necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the program  
`Gnomovision' (which makes passes at compilers) written by James Hacker.

<signature of Ty Coon>, 1 April 1989

Ty Coon, President of Vice

This General Public License does not permit incorporating your program into  
proprietary programs. If your program is a subroutine library, you may  
consider it more useful to permit linking proprietary applications with the

---

library. If this is what you want to do, use the GNU Lesser General Public License instead of this License.

#### CLASSPATH EXCEPTION

Linking this library statically or dynamically with other modules is making a combined work based on this library. Thus, the terms and conditions of the GNU General Public License version 2 cover the whole combination.

As a special exception, the copyright holders of this library give you permission to link this library with independent modules to produce an executable, regardless of the license terms of these independent modules, and to copy and distribute the resulting executable under terms of your choice, provided that you also meet, for each linked independent module, the terms and conditions of the license of that module. An independent module is a module which is not derived from or based on this library. If you modify this library, you may extend this exception to your version of the library, but you are not obligated to do so. If you do not wish to do so, delete this exception statement from your version.

-----

#### Fourth Party Dependencies

-----

"Jakarta JSON Processing API" (jakarta.json:jakarta.json-api)

Copyright (c) 2011, 2023 Oracle and/or its affiliates. All rights reserved.

This program and the accompanying materials are made available under the terms of the Eclipse Public License v. 2.0, which is available at <http://www.eclipse.org/legal/epl-2.0>.

This Source Code may also be made available under the following Secondary Licenses when the conditions for such availability set forth in the Eclipse Public License v. 2.0 are satisfied: GNU General Public License, version 2 with the GNU Classpath Exception, which is available at <https://www.gnu.org/software/classpath/license.html>.

---

SPDX-License-Identifier: EPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0

Licenses:

EPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0

-----